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USER'S GUIDE

# CALIBRATED ANCILLARY SYSTEM (CAS)

## VOLUME VI

- Testing User Mission Planning Procedures (Continued)

PREPARED BY



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This user's guide contains the introduction to the equipment, operation, general procedures, and specific procedures of the calibrated ancillary system (CAS).

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**REMOVE A PLANNING FILE PROCEDURE**

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SECTION 1 GSFC USER PROCEDURES	● ANCILLARY PRODUCTS MENU PROCEDURES (Cont.)
SECTION 2 TESTING USER PROCEDURES	● FILE MANAGEMENT MENU PROCEDURES (Cont.)
SECTION 3 DPE USER PROCEDURES	● REMOVE A PLANNING FILE PROCEDURE  Select Remove A Planning File.

**DISPLAY**

{filegmt}                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory                      9. List Planning Directory
2. Remove Random File From SDT Dir              10. Remove a Planning File
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory

SELECTION:

**PROCEDURE**

- To select, remove a planning file:  
--Type 10.  
--Press <RETURN>.
- Observe that file information screen appears.

**DESCRIPTION**

- **ANCILLARY PRODUCTS MENU PROCEDURES (Cont.)**
- **FILE MANAGEMENT MENU PROCEDURES (Cont.)**
- **REMOVE A PLANNING FILE PROCEDURE (Cont.)**

File Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

Pressing <RETURN> initiates removal of support file set.

**DISPLAY**

[mRmPlan]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Remove a Planning File

1. Flight Identification
2. Stream Type
  - o Play Back [P]
  - o Real Time [R]
  - o Sim [S]
  - o Test [T]
3. Version Code [A-Z]
  - o Version

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**PROCEDURE**

- Enter flight Id for desired database:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that planning file name request screen appears.

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DESCRIPTION

- ANCILLARY PRODUCTS MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A PLANNING FILE PROCEDURE (Cont.)

Planning File Name Request Screen.

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DISPLAY

[mRmPlan]	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Planning File
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:	
Enter Planning File Name (Hit Return for default Name):	
Hit Return To Continue	

PROCEDURE

- To initiate planning file removal:  
-- Press <RETURN>.
- Observe planning file removed screen appears.

DESCRIPTION

- ANCILLARY PRODUCTS MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A PLANNING FILE PROCEDURE (Cont.)

Planning File Removed Screen.

DISPLAY

(mRmPlan)	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Planning File
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
PLANNING FILE REMOVED	
Hit Return To Continue	

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PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe that file management menu appears.

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**HALT A BACKGROUND TASK PROCEDURE**



**DESCRIPTION****CHAPTER 6  
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- **ANCILLARY PRODUCTS MENU  
PROCEDURE (Cont.)**

- **HALT A BACKGROUND TASK  
PROCEDURE**

Select Halt a Background Task.

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**DISPLAY**

[grprod]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Ancillary Products Menu

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. Bulletin Board System              | 9. View Ancillary Support File  |
| 2. Select Msids / Build Planning File | 10. Move Ancillary Support File |
| 3. Edit Planning File                 | 11. View SDT/TDT Data Base Menu |
| 4. Build Selection Data Base          | 12. File Management Menu        |
| 5. Scan Selection Data Base Errors    | 13. Halt a Background Task      |
| 6. Build Ancillary Support File       |                                 |
| 7. Scan Product Build Errors File     |                                 |
| 8. Edit Selection Data Base           |                                 |

SELECTION:

**PROCEDURE**

- To halt a background task:
  - Type 13.
  - Press <RETURN>.
  - Observe database information screen appears.

DESCRIPTION

- ANCILLARY PRODUCTS MENU PROCEDURE (Cont.)
- HALT A BACKGROUND TASK PROCEDURE (Cont.)

Database Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

DISPLAY

[mhalt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Halt a Background Task

1. Flight Identification :

2. Process Type :

o sdtproc

o build

o batch

3. Stream Type :

o Play Back [P]

o Real Time [R]

o Sim [S]

o Test [T]

4. Version Code :

o Version [A-Z]

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- To enter flight Identification:  
--Type (flight Id number).  
--Press <RETURN>.
- To enter process type:  
--Type (sdtproc, build, or batch).  
--Press <RETURN>.
- To select stream type:  
--Type (P, R, S, or T).  
--Press <RETURN>.
- To enter version code:  
--Type (any letter A to Z).  
--Press <RETURN>.

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SDT/TDT ENHANCEMENT MENU PROCEDURES

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES

SDT/TDT database enhancement procedures provide user ability to generate test cases, determine test schedules, and perform any database driven test.

User must be familiar with record structures and data types.

DISPLAY

(entmenu)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Main Menu

1. Bulletin Board System  
2. Ancillary Products Menu  
3. SDT/TDT Enhancement Menu  
4. Process SDT/TDT Processing Task  
5. Halt an SDT/TDT Processing Task  
6. Scan SDT/TDT Database Errors  
7. NDD Products Menu  
8. Utility Menu

SELECTION:

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PROCEDURE

- To call up SDT/TDT enhancement menu:
  - Type 3.
  - Press <RETURN>.
  - Observe SDT/TDT enhancement menu appears.

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- SDT/TDT ENHANCEMENT MENU PROCEDURES (Cont.)

Enhancement menu provides selection of different record types for modification.

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(enhance)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
SDT/TDT Enhancement Menu

1. MSID Record Enhancement  
2. Calibration Record Enhancement  
3. Telemetry Fmts Record Enhancement  
4. Tim Fmt Number Record Enhancement  
5. Configuration Record Enhancement

SELECTION:

PROCEDURE

- To enhance MSID records:  
--Type 1.  
--Observe MSID record enhancement screen appears.
- To enhance calibration records:  
--Type 2.  
--Observe calibration record enhancement screen appears.

**PROCEDURE (Cont.)**

- To enhance telemetry format records:
  - Type 3.
  - Observe telemetry format record enhancement screen appears.
- To enhance telemetry format number records:
  - Type 4.
  - Observe telemetry format number record enhancement screen appears.
- To enhance configuration records:
  - Type 5.
  - Observe configuration record enhancement screen appears.

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## CHAPTER 6 MP PROCEDURES

## DISPLAY MSID RECORD ENHANCEMENT SCREEN

- SDT/TDT ENHANCEMENT MENU PROCEDURES (Cont.)
- MSID RECORD ENHANCEMENT

Calibration record enhancement screen.

Record screen contains fields for data entry and retrieval.

Those fields with stars in name (ex. **\*\*MSID\*\***) are key fields. Combination of key fields specifies a unique record within a file.

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[msidenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
MSID Record Enhancement

\*\*MSID\*\*

{

}

DATA TYPE

{

}

MEASUREMENT START

{

}

DATA RANGE LOW

{

}

\*\*MSID NOMECLATURE\*\*

{

}

DATA UNIT

{

}

MEASUREMENT LENGTH

{

}

DATA RANGE HIGH

{

}

[[INQUIRE, [A]DD, [M]ODIFY, [D]ELETE

## PROCEDURE

- To advance to next field:  
--Press <RETURN>.
- To retreat to previous field:  
--Press <CTRL> + <U>.
- To return to enhancement menu:  
--Place cursor at first field of record screen.  
--Press <CTRL> + <U>.

**DESCRIPTION**

- SDT/TDT ENHANCEMENT MENU PROCEDURES (Cont.)
- CALIBRATION RECORD ENHANCEMENT

Calibration record enhancement screen.

Record screen contains fields for data entry and retrieval.

Those fields with stars in name (ex. \*\*MSID\*\*) are key fields. Combination of key fields specifies a unique record within a file.

**DISPLAY**

CALIBRATION RECORD ENHANCEMENT SCREEN

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{calenh}

## MISSION PLANNING

DD MMM YYYY - HH:MM

Calibration Record Enhancement

**MSID**	(	)	LOWIND	(	)	HIGHIND	(	)	IVUNITS	(	)
CALSETS	(	)	CALCRVID	(	)	CALCRVID	(	)	POLY A0	(	)
POLY A1	(	)	POLY A2	(	)	POLY A3	(	)	POLY A4	(	)
POLY A5	(	)	CALLOPT	(	)	CALHIPT	(	)	CALTOL	(	)

I)INQUIRE I)ADD, I)MODIFY, I)DELETE

**PROCEDURE**

- To advance to next field:  
--Press <RETURN>.
- To retreat to previous field:  
--Press <CTRL> + <U>.
- To return to enhancement menu:  
--Place cursor at first field of record screen.  
--Press <CTRL> + <U>.



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**DESCRIPTION**

- SDT/TDT ENHANCEMENT MENU PROCEDURES (Cont.)
  - TELEMETRY FORMATS RECORD ENHANCEMENT
- Telemetry format record enhancement screen.

Record screen contains fields for data entry and retrieval.

Those fields with stars in name (ex. **\*\*MSID\*\***) are key fields. Combination of key fields specifies a unique record within a file.

**DISPLAY**

TELEMETRY FORMAT RECORD ENHANCEMENT SCREEN

(tlfmfmtenh)		MISSION PLANNING	
		DD MMM YYYY - HH:MM	
		Telemetry Fmts Record Enhancement	
		<b>**MSID**</b>	<b>**FMT ID**</b>
	[ ]	[ ]	[ ]
TLM TYPE	[ ]	SAMPLES/DATA CYCLE	TLM DELAY
	[ ]	[ ]	[ ]
FRAME	[ ]	SUBFRAME	WORD
	[ ]	[ ]	[ ]
			LOW BIT RATE FLAG
			[ ]

I|INQUIRE [A]DD, [M]ODIFY, [D]ELETE

**PROCEDURE**

- To advance to next field:  
--Press <RETURN>.
- To retreat to previous field:  
--Press <CTRL> + <U>.
- To return to enhancement menu:  
--Place cursor at first field of record screen.  
--Press <CTRL> + <U>.



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- SDT/TDT ENHANCEMENT MENU PROCEDURES (Cont.)

- CONFIGURATION RECORD ENHANCEMENT

Configuration record enhancement screen.

Record screen contains fields for data entry and retrieval.

Those fields with stars in name (ex. \*\*OI FORMAT ID\*\*) are key fields. Combination of key fields specifies a unique record within a file.

**DISPLAY** CONFIGURATION RECORD ENHANCEMENT SCREEN

[confenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement\*\*OI FORMAT ID\*\*  
( )\*\*WINDOW NUMBER\*\*  
( )WINDOW TYPE  
( )PDI WINDOW NUMBER  
( )START WORD  
( )STOP WORD  
( )

I)INQUIRE [A]DD, [M]ODIFY, [D]ELETE

**PROCEDURE**

- To advance to next field:  
--Press <RETURN>.
- To retreat to previous field:  
--Press <CTRL> + <U>.
- To return to enhancement menu:  
--Place cursor at first field of record screen.  
--Press <CTRL> + <U>.

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**INQUIRE MODE PROCEDURES**

### DESCRIPTION

- **SDT/TDT ENHANCEMENT MENU PROCEDURES**
- **INQUIRE MODE PROCEDURES**

### Select Inquire Mode.

User can search for records to review, add to, modify, or delete.

## SECTION 1 GSFC USER PROCEDURES

## SECTION 2 TESTING USER PROCEDURES

### SECTION 3 DFE USER PROCEDURES

## PROCEDURE

- To select inquire mode:
  - Type I.
  - Press <RETURN>.
- Observe following command line appears:  
**Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]**

## DISPLAY CONFIGURATION RECORD ENHANCEMENT SCREEN

[confenh]

## MISSION PLANNING

DDMMYY - HH:MM

## Configuration Record Enhancement

```

**OI FORMAT**
|

```

\*\*WINDOW NUMBER\*\*

WINDOW TYPE	PDI WINDOW NUMBER
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

START WORD STOP WORD

[**I**]INQUIRE, [**A**]DD, [**M**]ODIFY, [**D**]ELETE

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- INQUIRE MODE PROCEDURES (Cont.)  
Search for Unique Record.  
Entering specific data in key fields selects a unique record.

DISPLAY      EXAMPLE OF CONFIGURATION RECORD INQUIRY

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[confenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement

\*\*OI FORMAT ID\*\*  
| 160 |

\*\*WINDOW NUMBER\*\*  
| 2 |

WINDOW TYPE  
| |

PDI WINDOW NUMBER  
| |

START WORD  
| |

STOP WORD  
| |

Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

PROCEDURE

- To search for a unique record:
  - Enter data in key fields.
  - Press <CTRL> + <E>.
  - Observe that specified record appears.
  - Observe following command line appears:  
[N]EXT, [P]REVIOUS, [S]TOP
- To clear field:
  - Press <CTRL> + <Z>.
  - Reenter data.

DESCRIPTION

DISPLAY

EXAMPLE CONFIGURATION RECORD

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- SDT/TDT ENHANCEMENT MENU PROCEDURES

- INQUIRE MODE PROCEDURES (Cont.)

Next Command.

[N]ext command displays next sequentially numbered record.

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[confenh] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement

\*\*OI FORMAT ID\*\*  
[ 160 ]

\*\*WINDOW NUMBER\*\*  
[ 2 ]

WINDOW TYPE  
[ 1 ]

PDI WINDOW NUMBER  
[ 0 ]

START WORD  
[ 145 ]

STOP WORD  
[ 160 ]

[N]EXT, [P]REVIOUS, [S]TOP

PROCEDURE

- To move to next sequentially numbered record:
  - Type N.
  - Press <RETURN>.
  - Observe that next record appears.

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- INQUIRE MODE PROCEDURES (Cont.)  
Previous Command.  
[P]revious command displays previous record.

DISPLAY

EXAMPLE CONFIGURATION RECORD

[confenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement

\*\*OI FORMAT ID\*\*  
[ 160 ]

\*\*WINDOW NUMBER\*\*  
[ 3 ]

WINDOW TYPE  
[ 1 ]

PDI WINDOW NUMBER  
[ 0 ]

START WORD  
[ 125 ]

STOP WORD  
[ 140 ]

[N]EXT, [P]REVIOUS, [S]TOP

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PROCEDURE

- To return to previous record:
  - Type P.
  - Press <RETURN>.
  - Observe that previous record appears.



DESCRIPTION

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- SDT/TDT ENHANCEMENT MENU PROCEDURES
- INQUIRE MODE PROCEDURES (Cont.)

Stop Command.

[S]top command is used to halt search for records.

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EXAMPLE CONFIGURATION RECORD

[conten h]  
  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement  
  
\*\*OI FORMAT ID\*\*  
[ 160 ]  
  
\*\*WINDOW NUMBER\*\*  
[ 2 ]  
  
WINDOW TYPE  
[ 1 ]  
  
PDI WINDOW NUMBER  
[ 0 ]  
  
START WORD  
[ 145 ]  
  
STOP WORD  
[ 160 ]

[NEXT, [P]REVIOUS, [S]TOP

PROCEDURE

- To halt search:
  - Type S.
  - Press <RETURN>.
  - Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- INQUIRE MODE PROCEDURES (Cont.)  
Exit Inquire Mode.

DISPLAY

CONFIGURATION RECORD ENHANCEMENT SCREEN

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[confenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Configuration Record Enhancement

\*\*OI FORMAT ID\*\*  
| |

\*\*WINDOW NUMBER\*\*  
| |

WINDOW TYPE  
| |

PDI WINDOW NUMBER  
| |

START WORD  
| |

STOP WORD  
| |

Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

PROCEDURE

- To exit inquire mode:
  - Press <CTRL> + <X>.
  - Observe following command line appears:  
[I]NQUIRE, [A]DD, [M]ODIFY, [D]ELETE

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MODIFY MODE PROCEDURES

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- SDT/TDT ENHANCEMENT MENU PROCEDURES
- MODIFY MODE PROCEDURES

Select Modify Mode

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DISPLAY CALIBRATION RECORD ENHANCEMENT SCREEN

(calenh)		MISSION PLANNING	
		DD MMM YYYY - HH:MM	
		Calibration Record Enhancement	
**MSID**		LOWIND	HIGHIND
CALSETS		CALCRVID	CALCRVID
POLY A1		POLY A2	POLY A3
POLY A5		CALLOPT	CALHIPT
			IVUNITS
			POLY A0
			POLY A4
			CALTOL

I|INQUIRE, |A|DD, |M|ODIFY, |D|ELETE

PROCEDURE

- To select modify mode:
  - Type M.
  - Press <RETURN>.
- Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- MODIFY MODE PROCEDURES (Cont.)  
Search For a Unique Record.  
Entering specific data in key fields selects a unique record.

DISPLAY

EXAMPLE OF CALIBRATION RECORD MODIFICATION

[calenh]  
[M]ODIFY

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibration Record Enhancement

**MSID** [V67V0001T]	LOWIND	HIGHIND	IVUNITS
CALSETS	CALCRVID	CALCRVID	POLY A0
POLY A1	POLY A2	POLY A3	POLY A4
POLY A5	CALLOPT	CALHIPT	CALTOL

Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

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SECTION 3  
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PROCEDURES

PROCEDURE

- To search for a unique record:  
--Enter data in key fields.  
--Press <CTRL> + <E>.  
--Observe that specified record appears.
- To clear field:  
--Press <CTRL> + <Z>.  
--Reenter data.

- CHAPTER 6  
MP  
PROCEDURES

SECTION 1  
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PROCEDURES

SECTION 2  
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SECTION 3  
DFE USER  
PROCEDURES
- DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
  - MODIFY MODE PROCEDURES (Cont.)

Changing Data in Fields.

DISPLAY      EXAMPLE OF CALIBRATION RECORD MODIFICATION

[calenh]  
[M]ODIFY

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibration Record Enhancement

\*\*MSID\*\*  
[XXXXXXXXXX]

LOWIND  
[ 0 ]

HIGHIND  
[ 250 ]

IVUNITS  
[ CNTS ]

CALSETS  
[ 1 ]

CALCRVID  
[ N0706 ]

CALCRVID  
[ 5 ]

POLY A0  
[ 1.00000000E-01 ]

POLY A1  
[ 1.3207989E-02 ]

POLY A2  
[ -4.5428464E-04 ]

POLY A3  
[ 7.4219042E-06 ]

POLY A4  
[ -4.4958308E-08 ]

POLY A5  
[ 1.1742718E-10 ]

CALLOPT  
[ 0 ]

CALHIPT  
[ 0 ]

CALTOL  
[ 0.000000 ]

PROCEDURE

- To change data in a field:
  - Position cursor in selected field.
  - Enter data.
  - Press <RETURN>.
- Continue until data in all selected fields is changed.

**DESCRIPTION**

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- MODIFY MODE PROCEDURES (Cont.)  
Search or Exit.

**DISPLAY**

EXAMPLE OF CALIBRATION RECORD MODIFICATION

**CHAPTER 6  
MP  
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PROCEDURES

```

[calen h]
[M]ODIFY          MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  Calibration Record Enhancement

**MSID**
[V85A3333C]      LOWIND          HIGHIND          IVUNITS
                  [  1  ]          [  250  ]          [ CNTS  ]

CALSETS
[  1  ]          CALCRVID          POLY A0
                  [ N0706 ]          [  5  ]          [1.0000000E-01]

POLY A1          POLY A2          POLY A3          POLY A4
[1.3207989E-02] [-4.5428464E-04] [7.4219042E-06] [-4.4958308E-08]

POLY A5          CALLOPT          CALHIPT          CALTOL
[1.1742718E-10] [  0  ]          [  0  ]          [0.000000 ]

```

**PROCEDURE**

- To search for another record or begin exit:
  - Press <CTRL> + <U>.
  - Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

CHAPTER 6 MP PROCEDURES	DESCRIPTION
●	SDT/TDT ENHANCEMENT MENU PROCEDURES
●	MODIFY MODE PROCEDURES (Cont.) Exit Modify Mode.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DTE USER  
PROCEDURES

DISPLAY CALIBRATION RECORD ENHANCEMENT SCREEN

[calenh]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibration Record Enhancement

\*\*MSID\*\*  
[ ]

LOWIND  
[ ]

HIGHIND  
[ ]

IVUNITS  
[ ]

CALSETS  
[ ]

CALCRVID  
[ ]

CALCRVID  
[ ]

POLY A0  
[ ]

POLY A1  
[ ]

POLY A2  
[ ]

POLY A3  
[ ]

POLY A4  
[ ]

POLY A5  
[ ]

CALLOPT  
[ ]

CALHIPT  
[ ]

CALTOL  
[ ]

Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

PROCEDURE

- To exit modify mode:
  - Press <CTRL> + <X>.
  - Observe following command line appears:  
[I]NQUIRE, [A]DD, [M]ODIFY, [D]ELETE



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MP  
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PROCEDURES

SECTION 2  
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PROCEDURES

SECTION 3  
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PROCEDURES

ADD MODE PROCEDURES

## TELEMETRY FORMAT NUMBER RECORD ENHANCEMENT SCREEN

## SECTION 3 DFE USER PROCEDURES

- Provides a means for user to add records to a file.**

—

[**I**]NQUIRE, [**A**]DD, [**M**]ODIFY, [**D**]ELETE

- To select add mode:
  - Type A.
  - Press <RETURN>.

DESCRIPTION

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- ADD MODE PROCEDURES (Cont.)  
Entering New Record Data.

DISPLAY      EXAMPLE OF TELEMETRY FORMAT NUMBER RECORD ADDITION

[timnumenh]  
[A]DD

MISSION PLANNING  
DD MMM YYYY - HH:MM  
TLM Fmt Number Record Enhancement Screen

\*\*FORMAT ID\*\*  
[REDACTED]

\*\*TELEMETRY TYPE\*\*  
[REDACTED]

WORDS PER FRAME  
[REDACTED]

CHAPTER 6  
MP  
PROCEDURES

- SECTION 1  
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PROCEDURES
- SECTION 2  
TESTING USER  
PROCEDURES
- SECTION 3  
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PROCEDURES

PROCEDURE

- To enter data:
  - Position cursor in first field.
  - Enter data.
  - Press <RETURN>.
  - Continue until all fields are filled.

- To begin a new record:
  - Press <CTRL> + <U>.
  - Enter data.

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

- SDT/TDT ENHANCEMENT MENU PROCEDURES
  - ADD MODE PROCEDURES (Cont.)
- Exit Add Mode.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

DISPLAY

EXAMPLE TELEMETRY FORMAT NUMBER RECORD

(t|mmnumen|h|)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
TLM Fmt Number Record Enhancement Screen

\*\*FORMAT ID\*\*  
[ 15 ]

\*\*TELEMETRY TYPE\*\*  
[ 1 ]

WORDS PER FRAME  
[ 48 ]

[I]NQUIRE, [A]DD, [M]ODIFY, [D]ELETE

PROCEDURE

- To exit add mode:
  - Press <CTRL> + <X>.
  - Observe all fields are blank.
  - Press <CTRL> + <X>.

--Observe following command line appears:

[I]NQUIRE, [A]DD, [M]ODIFY, [D]ELETE

**CHAPTER 6  
MP  
PROCEDURES**

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PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

**DELETE MODE PROCEDURES**

# DISPLAY

## MSID RECORD ENHANCEMENT SCREEN

## ● SDT/TDT ENHANCEMENT MENU PROCEDURES

## ● DELETE MODE PROCEDURES

**Select Delete Mode.**

**User can delete records.**

# SECTION 1 GSFC USER PROCEDURES

## SECTION 2 TESTING USER PROCEDURES

## SECTION 3 DFE USER PROCEDURES

MISSION PLANNING  
DD MMM YYYY - HH:MM  
MSD Record Enhancement

```

**MSID**
[ ]
**MSID NOMECLATURE**
[ ]

```

DATA TYPE	DATA UNIT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

MEASUREMENT START

MEASUREMENT LENGTH

DATA RANGE LOW DATA RANGE HIGH

[INQUIRE, [ADD, [MODIFY, [DELETE

## PROCEDURE

- To select delete mode:  
--Type D.  
--Press <RETURN>.
- Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

**DESCRIPTION**

- SDT/TDT ENHANCEMENT MENU PROCEDURES
- DELETE MODE PROCEDURES (Cont.)  
Search For a Unique Record.  
Entering data in key fields to retrieve a specific record.

**DISPLAY**

EXAMPLE OF MSID RECORD INQUIRY

**CHAPTER 6  
MP  
PROCEDURES**SECTION 1  
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DFE USER  
PROCEDURES

```

[msidenh]
ID|DELETE

MISSION PLANNING
DD MMM YYYY - HH:MM
MSID Record Enhancement

**MSID**          **MSID NOMECLATURE**
[V09T1514A]      [

DATA TYPE          DATA UNIT
|                  |
MEASUREMENT START  MEASUREMENT LENGTH
|                  |
DATA RANGE LOW     DATA RANGE HIGH
|                  |

Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

```

**PROCEDURE**

- To search for a specific record:
  - Enter data in a key field.
  - Press <CTRL> + <E>.
  - Observe that specified record appears.
  - Observe following prompt appears:  
Delete?
- To clear field:
  - Press <CTRL> + <Z>.
  - Reenter data.

DESCRIPTION

DISPLAY

EXAMPLE OF MSID RECORD DELETION

- SDT/TDT ENHANCEMENT MENU PROCEDURES

- DELETE MODE PROCEDURES (Cont.)

Delete Record.

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PROCEDURES

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GSFC USER  
PROCEDURES

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TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

```
[msidenh]
[DELETE]

MISSION PLANNING
DD MMM YYYY - HH:MM
MSID Record Enhancement

**MSID**
[C51L7692Y]

**MSID NOMECLATURE**
ENHANCEMENT TEST CASE

DATA TYPE
[ AMU ]

DATA UNIT
[ PSIA ]

MEASUREMENT START
[ 0 ]

MEASUREMENT LENGTH
[ 10 ]

DATA RANGE LOW
[ 0 ]

DATA RANGE HIGH
[ 600 ]
```

Delete?

PROCEDURE

- To delete record:
  - Type Y.
  - Press <RETURN>.
  - Observe all fields are blank.
  - Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]
- To not delete a record:
  - Type N.
  - Press <RETURN>.
  - Observe following command line appears:  
Begin search [CTRL E], Clear field [CTRL Z], Exit [CTRL X]



## CHAPTER 6 MP PROCEDURES

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**CHAPTER 6  
MP  
PROCEDURES**

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

**PROCESS SDT/TDT PROCESSING TASK PROCEDURES**

## CHAPTER 6 MP PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DTE USER  
PROCEDURES

### DESCRIPTION

- **PROCESS SDT/TDT PROCESSING TASK PROCEDURES**

Select Process SDT/TDT Processing Task.  
SDT processing builds a mission specific database containing data from SDT.

Data loaded into database may come from an SDT and TDT from any flight, i.e. SDT and TDT must have same flight ID, but this flight ID does not have to match database flight ID.

All references to SDT/TDT database and its resulting products are made via database flight ID.

#### NOTE

IF both SDT and TDT processing are done, SDT processing must be performed prior to TDT processing.

### DISPLAY

(entmenu) MISSION PLANNING  
DD MMM YYYY - HH:MM  
Main Menu

1. Bulletin Board System
2. Ancillary Products Menu
3. SDT/TDT Enhancement Menu
4. Process SDT/TDT Processing Task
5. Halt an SDT/TDT Processing Task
6. Scan SDT/TDT Database Errors
7. NDD Products Menu
8. Utility Menu

SELECTION:

### PROCEDURE

- To select process SDT/TDT processing task:
  - Type 4.
  - Press <RETURN>.
- Observe process SDT/TDT tape database information screen appears.
- To return to mission planning main menu:
  - Press <CTRL> + <U>.

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
  - SHUTTLE DATA TAPE (SDT) SELECTION PROCEDURE
- Process SDT/TDT Tape Database Information Screen.
- Database is built by flight identification number.
- Data for database is retrieved from SDT of same flight or a different flight.

--Command Syntax

Flight Identification	XXA
(flt ID number for database)	X= number 0-9
	A= letter A-Z

**DISPLAY**

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

1. Flight Identification :
2. Tape Choice :
  - o Shuttle Data Tape [S]
  - o Telemetry Descriptor Tape [T]
3. Tape Format :
  - o ASCII Format [A]
  - o EBCDIC Format [E]

**CHAPTER 6  
MP  
PROCEDURES**SECTION 1  
GSFC USER  
PROCEDURESSECTION 2  
TESTING USER  
PROCEDURESSECTION 3  
DDE USER  
PROCEDURES**PROCEDURE**

- Enter flt ID number for database:
  - Type flt ID number.
  - Press <RETURN>.
- Enter tape choice:
  - Type S.
  - Press <RETURN>.
- Enter tape format:
  - Type A or E.
  - Press <RETURN>.
- Observe process SDT or process TDT tape screen appears.

# CHAPTER 6 MP PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DPE USER  
PROCEDURES

## DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) SELECTION PROCEDURE

Process SDT/TDT Tape Database Information Screen.

Flight identification number must be same as flight identification number used to build SDT database.

--Command Syntax

Flight Identification	XXA
(flt ID number for database)	X= number 0-9
	A= letter A-Z

## DISPLAY

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

1. Flight Identification :
2. Tape Choice :
  - o Shuttle Data Tape [S]
  - o Telemetry Descriptor Tape [T]
3. Tape Format :
  - o ASCII Format [A]
  - o EBCDIC Format [E]

## PROCEDURE

- Enter flt ID number for database:
  - Type (flt ID number).
  - Press <RETURN>.
- Enter tape choice:
  - Type I.
  - Press <RETURN>.
- Enter tape format:
  - Type A or E.
  - Press <RETURN>.
- Observe process TDT tape screen appears.

**CHAPTER 6  
MP  
PROCEDURES**

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DIFC USER  
PROCEDURES

**SHUTTLE DATA TAPE PROCESSING PROCEDURES**

# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

Displays selected flight number for database for verification.

Load SDT:

Of same flt ID for data from same flight.

Of different flt ID for data from different flight.

## DISPLAY

```
(msdtproc)      MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  Process SDT/DT Tape

Verifying Shuttle Data Tape Processing
Request Flight XXX

PLEASE LOAD THE SHUTTLE DATA TAPE. --->-->
```

## PROCEDURE

- Observe following messages appear on screen:
- Verifying Shuttle Data Tape Processing  
Request Flight (flt ID number of database)

PLEASE LOAD THE SHUTTLE  
DATA TAPE. --->-->

- Load shuttle data tape. Place tape drive on line.

## DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

Message is displayed if tape flt ID number matches flt ID number selected for database.

## DISPLAY

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

CORRECT TAPE IS MOUNTED. THANK YOU. --->---

CHAPTER 6  
MP  
PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

## PROCEDURE

- Observe following message appears on screen:  
CORRECT TAPE IS MOUNTED. THANK YOU. --->---



## CHAPTER 6 MP PROCEDURES

### DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

Message is displayed if tape flt ID number is different than flt ID number selected for database.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DPE USER  
PROCEDURES

### DISPLAY

[msdtproc] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

Verifying Shuttle Data Tape Processing Request  
Flight XXXA

The tape for Flight YYA is mounted.  
Do you want to process the mounted tape?

### PROCEDURE

- Observe following message appears on screen:  
Verifying Shuttle Data Tape Processing Request  
Flight XXXA  
The tape for Flight YYA is mounted.  
Do you want to process the mounted tape?
- If correct tape is mounted:  
--Type Y.  
--Press <RETURN>.
- If incorrect tape is mounted:  
--Type N.  
--Press <RETURN>.

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

Messages appear if tape flt ID number is different than flt ID number selected for database.

Rechecks flight ID numbers.

Asks for flt ID number of data base.

**DISPLAY**

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

Verifying Shuttle Data Tape Processing Request  
Flight

Please enter the flight ID under which the tape  
is to be processed --> -->

**PROCEDURE**

- Observe following message appears on screen:
- Enter data base flt ID number:  
--Type (flt ID number).  
--Press <RETURN>.

Verifying Shuttle Data Tape Processing Request  
Flight

Please enter the flight ID under which the tape  
is to be processed --> -->

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

DISPLAY

/msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/DT Tape

Verifying Shuttle Data Tape Processing Request  
Flight XXA

REQUEST VALIDATED. PROCESSING WILL FOLLOW. --->---

PROCEDURE

- Observe following message appears on screen when ID numbers are different:  
Verifying Shuttle Data Tape Processing Request  
Flight XXA  
REQUEST VALIDATED. PROCESSING WILL FOLLOW. --->---
- Observe following message appears on screen when flt ID numbers are same:  
REQUEST VALIDATED. PROCESSING WILL FOLLOW. --->---

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

A flight specific directory is created which includes an SDT/TDT database subdirectory.

An empty database is created in SDT/TDT database subdirectory.

**DISPLAY**

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

This program creates a new, empty database. If you have any information in an existing database, it will be lost. No one else should be using the database while this program is running.

PROCEED?

CHAPTER 6  
MP  
PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
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PROCEDURES

**PROCEDURE**

- Observe following message appears on screen:

This program creates a new, empty database. If you have any information in an existing database, it will be lost. No one else should be using the database while this program is running.

- Observe following prompt appears on screen:

PROCEED?

--Type Y.  
-- Press <RETURN>.

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

Message takes several seconds to appear.

## DISPLAY

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

[msdtproc]

\*\*PHASE I \*\*  
\*\*PHASE II \*\*  
\*\*PHASE III \*\*

PROCESS COMPLETE. BACK UP THE DATABASE. -- >-- >

## PROCEDURE

- Observe following message appears on screen:

\*\*PHASE I \*\*  
Then

\*\*PHASE II \*\*  
Then

\*\*PHASE III \*\*

PROCESS COMPLETE. BACK UP THE  
DATABASE. -- >-- >

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
  - SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)
- SDT is processed and data is loaded into SDT database.
- Database build takes approximately 16 hours.

**DISPLAY**

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

Loading the SDT data into the Local Mission  
Support Database

PLACE IN BACKGROUND MODE?

**CHAPTER 6**  
**MP**  
**PROCEDURES**

 SECTION 1  
 GSFC USER  
 PROCEDURES

 SECTION 2  
 TESTING USER  
 PROCEDURES

 SECTION 3  
 DFE USER  
 PROCEDURES
**PROCEDURE**

- Observe following message appears on screen:  
Loading the SDT data into the Local Mission Support Database  
PLACE IN BACKGROUND MODE?  
--Type Y.  
--Press <RETURN>.
- Observe mission planning main menu appears.

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**CHAPTER 6  
MP  
PROCEDURES**

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

**SDT PROCESSING STATUS PROCEDURE**

CHAPTER 6  
MP  
PROCEDURES

DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)
- SHUTTLE DATA TAPE (SDT) PROCESSING STATUS PROCEDURE

Check bulletin board for tape processing status.

SECTION 1  
GSEC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DPE USER  
PROCEDURES

DISPLAY

```
(entmenu) MISSION PLANNING
          DD MMM YYYY - HH:MM
          Main Menu

1. Bulletin Board System
2. Ancillary Products Menu
3. SDT/TDT Enhancement Menu
4. Process SDT/TDT Processing Task
5. Halt an SDT/TDT Processing Task
6. Scan SDT/TDT Database Errors
7. NDD Products Menu
8. Utility Menu

SELECTION:
```

PROCEDURE

- To check bulletin board:
  - Type 1.
  - Press <RETURN>.
- Observe, bulletin board system status screen appears.



DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
  - SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)
  - SHUTTLE DATA TAPE (SDT) PROCESSING STATUS PROCEDURE (Cont.)
- Building database takes approximately 16 hours.
- After 16 hours bulletin board reflects flight number of processed tape, type of processing, and date tape was processed.
- Syntax

Date      two-digit month/two-digit day/two-digit year

PROCEDURE

- To exit bulletin board:
  - Type g.
  - Press <RETURN>.

DISPLAY

/bulbrd

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Bulletin Board System

SYSTEM STATUS

SDT/TDT STATUS

FLIGHT ID

TAPE ID

TAPE NAME

PROCESSING DATES

61-E

61-E

SDT61E04

SDT Data Base build completed on 12/26/85

SDT processing completed on 12/26/85

[S]elect Board [N]ext Page [P]revious Page [A]dd Message [D]elete Message  
[R]emove All Messages [I]gnore all Inputs and Exit [E]xit Normally

SELECTION:

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**TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES**

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES

TDT processing loads data from TDT into local mission support database built during SDT processing.

SDT processing must be performed before TDT processing.

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# DISPLAY

```
(entmenu)          MISSION PLANNING
                   DD MMM YYYY - HH:MM
                   Main Menu

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3. SDT/TDT Enhancement Menu
4. Process SDT/TDT Processing Task
5. Halt an SDT/TDT Processing Task
6. Scan SDT/TDT Database Errors
7. NDD Products Menu
8. Utility Menu

SELECTION:
```

## PROCEDURE

- To select processing of TDT tape:  
--Type 4.
- Observe, process SDT/TDT tape screen appears.

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

Displays selected flight number for database for verification.

Load TDT:

Must be same flt ID as SDT flt ID.

**DISPLAY**

(msdtproc)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

Verifying Telemetry Descriptor Tape Processing  
Request Flight XXA

PLEASE LOAD THE TELEMETRY DESCRIPTOR TAPE. -->-->

Please hit any key when you have loaded the Telemetry Descriptor Tape for flight XXA.

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**PROCEDURE**

- Observe following messages appear on screen:  
Verifying Telemetry Descriptor Tape Processing  
Request Flight (data base flt ID number)

PLEASE LOAD THE TELEMETRY DESCRIPTOR TAPE. -->-->  
->

PLEASE HIT ANY KEY WHEN YOU HAVE LOADED THE  
TELEMETRY DESCRIPTOR TAPE FOR FLIGHT  
(flt ID number)

- Load telemetry descriptor tape with flt ID number  
XXA. Place tape drive on line.

DESCRIPTION

CHAPTER 6  
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- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

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DISPLAY

[msdtproc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

Verifying Telemetry Descriptor Tape Processing Request  
Flight XXXA

Correct tape is mounted. Thank You.

PROCEDURE

- Observe following message appears on screen:

Verifying Telemetry Descriptor Tape Processing Request  
Flight XXXA

Correct tape is mounted. Thank you.

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

**DISPLAY****CHAPTER 6  
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/msdtproc

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

Loading the TDT data into the Local Mission  
Support Database

PLACE IN BACKGROUND MODE?

**PROCEDURE**

- Observe following message appears on screen:  
Loading the TDT data into the Local Mission Support Database
- Observe following prompt appears on screen:  
**PLACE IN BACKGROUND MODE?**

--Type N.  
--Press <RETURN>.

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

Loading TDT data into local mission support database takes approximately two minutes.

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DISPLAY

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Process SDT/TDT Tape

[msdtproc]

Loading the TDT data into the Local Mission Support Database

PROCEDURE

- Observe following message appears on screen:  
Loading the TDT data into the Local Mission Support Database

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**TDT PROCESSING STATUS PROCEDURE**



# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

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- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)
- PROCESS TDT PROCESSING TASK STATUS PROCEDURE

Check bulletin board for tape processing status.

# DISPLAY

[entmenu] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Main Menu

1. Bulletin Board System
2. Ancillary Products Menu
3. SDT/TDT Enhancement Menu
4. Process SDT/TDT Processing Task
5. Halt an SDT/TDT Processing Task
6. Scan SDT/TDT Database Errors
7. NDD Products Menu
8. Utility Menu

SELECTION:

## PROCEDURE

- To check bulletin board:  
--Type 1.  
--Press <RETURN>.
- Observe, bulletin board system status screen appears.

DESCRIPTION

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)
- PROCESS TDT PROCESSING TASK STATUS PROCEDURE (Cont.)

Bulletin board reflects flight number of processed tape, type of processing, data base flight number, and date tape was processed.

--Syntax

Date      two-digit month/two-digit day/two-digit year

PROCEDURE

- To exit bulletin board:  
-- Type e.  
-- Press <RETURN>.

DISPLAY

/bullbrd\

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Bulletin Board System

SYSTEM STATUS

SDT/TDT STATUS

FLIGHT ID	TAPE ID	TAPE NAME	PROCESSING DATES
61-E	61-E	SDT61E04	SDT Data Base build completed on 12/26/85 SDT processing completed on 12/26/85 TDT processing completed on 12/26/85

[S]elect Board [N]ext Page [P]revious Page [A]dd Message [D]elete Message  
[R]emove All Messages [I]gnore all inputs and Exit [E]xit Normally

SELECTION:

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**HALT AN SDT/TDT PROCESSING TASK PROCEDURES**

**DESCRIPTION****CHAPTER 6  
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PROCEDURES**

- **HALT AN SDT/TDT PROCESSING TASK PROCEDURES**

Select Halt an SDT/TDT Processing Task.

Halting SDT/TDT processing interrupts SDT/TDT database build in between tape reads.

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**DISPLAY**

(entmenu) MISSION PLANNING  
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5. Halt an SDT/TDT Processing Task
6. Scan SDT/TDT Database Errors
7. NDD Products Menu
8. Utility Menu

SELECTION:

**PROCEDURE**

- To halt SDT/TDT processing:
  - Type 5.
  - Press <RETURN>.
  - Observe halt SDT/TDT processing screen appears.

DESCRIPTION

- HALT AN SDT/TDT PROCESSING TASK PROCEDURES (Cont.)

DISPLAY

[msdthalt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Halt an SDT/TDT Processing Task

Proceed?

This task halts current SDT/TDT processing task.

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PROCEDURE

- Observe following message appears:  
This task halts current SDT/TDT processing  
Proceed?
  - To continue:
    - Type Y.
    - Press <RETURN>.
    - Observe mission planning main menu appears.
  - Take tape drive off-line.

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**SCAN SDT/TDT DATABASE ERRORS PROCEDURE**

**CHAPTER 6  
MP  
PROCEDURES**

**DESCRIPTION**

- **PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)**
- **SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)**
- **SCAN SDT/TDT DATABASE ERRORS PROCEDURE**  
Select Scan SDT/TDT Database Errors.  
Scan error list for SDT database load errors.

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**DISPLAY**

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7. NDD Products Menu
8. Utility Menu

SELECTION:

**PROCEDURE**

- To scan error list:  
--Type 6.  
--Press <RETURN>.
- Observe, scan SDT/TDT database errors screen appears.

**DESCRIPTION**

- PROCESS SDT/TDT PROCESSING TASK PROCEDURES (Cont.)
  - SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)
  - SCAN SDT/TDT DATABASE ERRORS PROCEDURE (Cont.)
- SDT/TDT Database Error Report.
- SDT/TDT processing error report lists successful loads and any errors.

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MISSION PLANNING  
DD MMM YYYY - HH:MM  
Scan SDT/TDT Database Errors  
SDT/TDT Processing Error Report  
Flight xx-a

HEADER FILE  
Records per whole buffer processed --1  
Loading head\_\_rel, buffer number 1.

MSID RELATED FILE  
Records per whole buffer processed --11.  
Loading msid\_\_rel, buffer number 1.  
Loading msid\_\_rel, buffer number 2.  
Loading msid\_\_rel, buffer number 3.  
Loading msid\_\_rel, buffer number 4.  
Loading msid\_\_rel, buffer number 5.  
Loading msid\_\_rel, buffer number 6.  
Enter l <cr> for next line. Enter p <cr> for next page.  
Enter q <cr> to quit.

**PROCEDURE**

- To see next line:  
--Type l.  
--Press <RETURN>.
- To see next page:  
--Type p.  
--Press <RETURN>.
- To quit and return to main menu:  
--Type q.  
--Press <RETURN>.

6-965/6-966



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**NDD PRODUCT MENU PROCEDURES**

## DESCRIPTION

### CHAPTER 6 MP PROCEDURES

#### ● NDD PRODUCT MENU PROCEDURES

Select NDD Products Menu.

NDD support files are generated automatically after SDT/TDT tape processing.

These files can be rebuilt from SDT/TDT databases, viewed, moved, or removed from SDT directory.

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PROCEDURES

## DISPLAY

(entmenu) MISSION PLANNING  
DD MMM YYYY - HH:MM  
Main Menu

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7. NDD Products Menu
8. Utility Menu

SELECTION:

## PROCEDURE

- To view NDD products menu:  
--Type Z.
- Observe NDD product menu appears on screen.

**DESCRIPTION**

- NDD PRODUCT MENU PROCEDURES  
(Cont.)  
Ndd Products Menu.

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(Inddprod) MISSION PLANNING  
DD MMM YYYY - HH:MM  
NDD Products Menu

1. Rebuild NDD Support Files
2. View NDD Support Files
3. Move NDD Support File Set
4. Remove Support files from SDT

SELECTION:

**PROCEDURE**

- To select item from menu:  
--Type (menu item number).  
--Press <RETURN>.
- Observe, selected screen appears.
- To return to mission planning main menu from NDD products menu, press <CTRL>+<U>.

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**REBUILD NDD SUPPORT FILES PROCEDURES**

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

- NDD PRODUCT MENU PROCEDURES  
(Cont.)

- REBUILD NDD SUPPORT FILES  
PROCEDURE

Select rebuild NDD Support Files.

User can rebuild NDD support files from  
SDT/TDT data bases.

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# DISPLAY

[nddprod] MISSION PLANNING  
DD MMM YYYY - HH:MM  
NDD Products Menu

1. Rebuild NDD Support Files
2. View NDD Support Files
3. Move NDD Support File Set
4. Remove Support files from SDT

SELECTION:

## PROCEDURE

- To rebuild NDD support files:
  - Type 1.
  - Press <RETURN>.
- Observe, rebuild NDD support files screen appears.

**DESCRIPTION**

- NDD PRODUCT MENU PROCEDURES (Cont.)
- REBUILD NDD SUPPORT FILES PROCEDURE (Cont.)

**NDD Support File Information Screen.**

A typical NDD support file name (MNO51TRA.d) consists of:

```

MN  O  51T  R  A  .d
      (file (flt (stream (version
      type) ID) type) code)
  
```

Support files are automatically built with real-time stream type.

Flight Id is checked for an existing data base. NDD support file is rebuilt.

**DISPLAY**

(mnddscr)

```

MISSION PLANNING
DD MMM YYYY - HH:MM
Rebuild NDD Support Files

1. Flight Identification :
2. Stream Type :
   o Real Time [R]
   o Play Back [P]
   o Sim [S]
   o Test [T]
3. Version Code :
   o Version [A-Z]
  
```

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PROCEDURES****PROCEDURE**

- Enter flt ID number of database:  
--Type (flt ID number).  
--Press <RETURN>.
- Enter stream type:  
--Type P, R, S, or T.  
--Press <RETURN>.
- Enter version code:  
--Type (any letter A to Z).  
--Press <RETURN>.
- Observe, NDD products menu appears on screen.

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**VIEW NDD SUPPORT FILES PROCEDURES**

**DESCRIPTION**

- NDD PRODUCT MENU PROCEDURES  
(Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES  
Select View NDD Support Files.

**DISPLAY**

[nddprod]                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
NDD Products Menu

1. Rebuild NDD Support Files
2. View NDD Support Files
3. Move NDD Support File Set
4. Remove Support files from SDT

SELECTION:

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**PROCEDURE**

- To view NDD support files:
  - Type 2.
  - Press <RETURN>.
- Observe, view NDD support files screen appears.



CHAPTER 6 MP PROCEDURES	DESCRIPTION
SECTION 1 GSFC USER PROCEDURES	<ul style="list-style-type: none"> <li>• NDD PRODUCT MENU PROCEDURES (Cont.)</li> </ul>
SECTION 2 TESTING USER PROCEDURES	<ul style="list-style-type: none"> <li>• VIEW NDD SUPPORT FILES PROCEDURES (Cont.)</li> </ul> <p>File Information Screen.</p>

**Note:**

If report is sent to printer, report does not appear on screen.

**DISPLAY**

```
(mnddpio) MISSION PLANNING
DD MMM YYYY - HH:MM
View NDD Support Files

1. Flight Identification :
2. File Type :
   o [O] OI File
   o [G] GPC File
3. Stream Type :
   o [P] Play Back
   o [R] Real Time
   o [S] Sim
   o [T] Test
4. Version Code :
   o Version [A-Z]
5. Report Type :
   o [P] Screen
   o [R] Printer
```

**PROCEDURE**

- Enter flt ID of NDD support file to view:
  - Type P, R, S, or I.
  - Press <RETURN>.
- Enter file type:
  - Type Q or G.
  - Press <RETURN>.
- Enter stream type:
  - Type P, R, S, or I.
  - Press <RETURN>.
- Enter version code:
  - Type (any letter A to Z).
  - Press <RETURN>.

**PROCEDURE (cont'd)**

- Enter report type:
  - To view on screen, type S.
  - Press <RETURN>.
  - For printer copy, type P.
  - Press <RETURN>.
- Observe, requested report appears on screen.

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CHAPTER 6 MP PROCEDURES	DESCRIPTION
	DISPLAY
● NDD PRODUCT MENU PROCEDURES (Cont.)	[mnddpio] MISSION PLANNING DD MMM YYYY - HH:MM View NDD Support Files
● VIEW NDD SUPPORT FILES PROCEDURES (Cont.)	
Report Screen.	
File header information of OI file type.	

SECTION 1 GSFC USER PROCEDURES
SECTION 2 TESTING USER PROCEDURES
SECTION 3 DFE USER PROCEDURES

CAS File Name: MNO51TRA.d File Creation date: (date xxx)  
Tape Creation Date: xx/xx/xx Flight Number: \*STS 51T  
TDT Number :M1O1OF00 Software release Id: 3B

Please Hit Any Key to Continue. | → →

PROCEDURE

- To continue:  
-- Press any key.
- Observe, fixed data screen appears.

DESCRIPTION

- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Fixed Data Screen.

Fixed data for a typical OI file type.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Bytes/Frame --HBR : 160      Sync Pattern : FAF320  
Bytes/Frame --LBR : 80      Sync Displacement : 0  
Frames/Data Cycle : 100      Sync Tolerance : 0  
Seconds/Data Cycle : 1      Check Tolerance : 0  
Output Frequency code : 103      Location Tolerance : 2  
Minor Frame Counter Loc.: 3      AGS Option : 64  
Minor Frame Sync Length : 3      Format ID Location : 4

Please Hit Any Key to Continue.) → →

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PROCEDURE

- To continue:  
--Press any key.
- Observe, index screen appears.

# DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

- NDD PRODUCT MENU PROCEDURES  
(Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES  
(Cont.)

#### Index Screen.

Lists active format Id and corresponding indices in file entry structure.

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[mnddpio]		MISSION PLANNING DD MMM YYYY - HH:MM View NDD Support Files	
FORMAT ID	INDEX	FORMAT ID	INDEX
101	16	124	31
102	1	125	32
103	2	126	18
104	3	127	23
105	21	128	22
110	15	129	4
115	17	160	5
116	14	161	6
117	19	162	7
118	20	163	8
119	24	164	9
120	26	171	10
121	28	172	11
122	29	180	12
123	30	184	13
		213	25
		214	27

[Please Hit Any Key to Continue.] → →

## PROCEDURE

- To continue:  
--Press any key.
- Observe, format information screen appears.

**DESCRIPTION**

- **NDD PRODUCT MENU PROCEDURES**  
(Cont.)
- **VIEW NDD SUPPORT FILES PROCEDURES**  
(Cont.)

Format Information Screen.

Format information for a typical OI format.  
(This example is for OI format number 102).

Each format is a variable number of windows.  
(This example has three windows.)

Next, previous, and window number  
commands allow user to shift through  
different windows.

**PROCEDURE**

- To go to next window:  
--Type N.
- Observe, next window appears on screen.

**DISPLAY**

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

OI Format Number	: 102	Format index	: 1	OIMTUFRM	: 0
Low Bit Rate Flag	: 1	TCLKFRM	: 31	OIMTUBYT	: 6
Bytes / Frame	: 40	TCLKBYT	: 6	OIMTULEN	: 6
Number of Windows	: 3	TCLKLEN	: 2		
		TCLKSHFT	: 2		

Window Number : 0 Window Data Type : 0

Start Byte : 0 PDI Window Number: 0

Window Size : 40 Max Frame Size : 160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

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SECTION 1 GSFC USER PROCEDURES	<ul style="list-style-type: none"><li>● NDD PRODUCT MENU PROCEDURES (Cont.)</li><li>● VIEW NDD SUPPORT FILES PROCEDURES (Cont.)</li></ul>

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Window Number : 1      Window Data Type : 1  
Start Byte : 40      PDI Window Number: 0  
Window Size : 32      Max Frame Size : 128

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

PROCEDURE

- To go to previous window:  
--Type P.
- Observe, previous window appears on screen.

DESCRIPTION

- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Select a Specific Window.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Ol Format Number : 102	Format index : 1	OIMTUFRM : 0
Low Bit Rate Flag : 1	TCLKFRM : 31	OIMTUBYT : 6
Bytes / Frame : 40	TCLKBYT : 6	OIMTULEN : 6
Number of Windows : 3	TCLKLEN : 2	
	TCLKSHFT : 2	

Window Number : 0	Window Data Type : 0
Start Byte : 0	PDI Window Number: 0
Window Size : 40	Max Frame Size : 160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

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SECTION 3  
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PROCEDURE

- To select a specific window:  
--Press <W>.
- Observe following prompt appears:  
Enter window number [0-2]  
--Type (window number).



DESCRIPTION

- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Format Change.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

OI Format Number : 102

Low Bit Rate Flag : 1

Bytes / Frame : 40

Number of Windows : 3

Format index : 1

TCLKFRM : 31

TCLKBYT : 6

TCLKLEN : 2

TCLKSHFT : 2

OIMTUFRM : 0

OIMTUBYT : 6

OIMTULEN : 6

Window Number : 0

Start Byte : 0

Window Size : 40

Window Data Type : 0

PDI Window Number: 0

Max Frame Size :160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

PROCEDURE

- To change format:  
--Press <F>.

CHAPTER 6 MP PROCEDURES
SECTION 1 GSFC USER PROCEDURES
SECTION 2 TESTING USER PROCEDURES
SECTION 3 DFE USER PROCEDURES

CHAPTER 6 MP PROCEDURES	DESCRIPTION
SECTION 1 GSEC USER PROCEDURES	<ul style="list-style-type: none"> <li>• NDD PRODUCT MENU PROCEDURES (Cont.)</li> </ul>
SECTION 2 TESTING USER PROCEDURES	<ul style="list-style-type: none"> <li>• VIEW NDD SUPPORT FILES PROCEDURES (Cont.)</li> </ul> <p>Next, Previous and Specific Format Id Command.</p> <p>Next, previous, format Id, index screen, and quit commands apply to changing format Id displayed.</p>
SECTION 3 DPE USER PROCEDURES	

**Note:**

User can quit view NDD support files only when this command choice appears.

Next and previous commands find format Id in order of their indices.

**DISPLAY**

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Enter Choice [N]ext, [P]rev, [F]ormat Id,  
[I]ndex screen, [Q]uit

**PROCEDURE**

- To go to next format Id:  
--Press <N>.
- To go to previous format Id:  
--Press <P>.

**PROCEDURE**

- To select a specific format Id:  
--Press <F>.
- Observe following prompt appears on screen:  
Enter Format Id  
--Type (format Id).

**PROCEDURE**

- To call up index screen:  
--Press <I>.
- To quit:  
--Press <Q>.

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# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

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- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

File header information of GPC file type.

# DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

CAS File Name: MNG51TRA.d File Creation date: (date xxx)  
Tape Creation Date: xx/xx/xx Flight Number: \*STS 51T  
TDT Number :M1O1OF00 Software release Id: 3B

Please Hit Any Key to Continue: | → →

# PROCEDURE

- To continue:  
-- Press any key.
- Observe, fixed data screen appears.

DESCRIPTION

- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

GPC Fixed Data Screen.

Fixed data for a typical GPC file type.

DISPLAY

[mnddpio]		MISSION PLANNING	
		DD MMM YYYY - HH:MM	
		View NDD Support Files	
Frames/Data Cycle	:50	Sync Pattern	:EB90
Seconds/Data Cycle	:2	Frame Counter Loc.	:2
Minor Frame Sync Length	:2	Frame Counter mask	:3F
Format Id Location	:3	Dump Format #	:93
# of Dump Formats	:3	Loc. of Frm 0, 25 Size	:15
Dump Format #1	:90	Loc of Other Frm Sizes	:7
Dump Format #2	:91		

!Please Hit Any Key to Continue.! → →

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PROCEDURE

- To continue:
  - Press any key.
- Observe, index screen appears.

**DESCRIPTION**

- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

**Index Screen.**

Lists active format ID's and corresponding indices in file entry structure.

**DISPLAY**

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

FORMAT ID INDEX

2 16  
5 3  
10 19  
12 1  
13 18  
14 8  
15 9  
16 11  
17 21  
18 13  
19 14  
21 15  
22 6  
23 7  
24 23  
25 24

FORMAT ID INDEX

26 32  
27 22  
28 10  
29 12  
30 26  
31 28  
32 25  
33 17  
41 4  
42 27  
44 29  
46 20  
48 30  
51 2  
52 5  
60 31  
98 34

FORMAT ID INDEX

Please Hit Any Key to Continue. I → →

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**PROCEDURE**

- To continue:  
--Press any key.
- Observe, format information screen appears.

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

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- NDD PRODUCT MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

### Format Information Screen.

Format information for a typical GPC format. (This example is for GPC format number 12).

Next, previous, and format Id commands shift through various format Id.

Next and previous commands find next or previous format Id in order of indices.

# DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

GPC Format Number : 0  
Bytes/Frames -- HBR: 0

Format Index : 0  
Bytes/Frames -- LBR : 0

Enter Choice [N]ext, [P]rev, [F]ormat Id,  
[I]ndex screen, [Q]uit

# PROCEDURE

- To go to next format Id:  
--Press <N>.
- To go to previous format Id:  
--Press <P>.
- To select a specific format Id:  
--Press <F>.
- Observe following prompt appears on screen:  
Enter format Id  
--Type (format id).

**PROCEDURE**

- To call up index screen:  
--Press <I>.
- To quit:  
--Press <Q>.

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MOVE NDD SUPPORT FILE SET PROCEDURES

# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- NDD PRODUCTS MENU PROCEDURES (Cont.)
- MOVE SUPPORT FILE SET PROCEDURES (Cont.)

Select Move NDD Support Files.

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[nddprod] MISSION PLANNING  
DD MMM YYYY - HH:MM  
NDD Products Menu

1. Rebuild NDD Support Files
2. View NDD Support Files
3. Move NDD Support File Set
4. Remove Support files from SDT

SELECTION:

## PROCEDURE

- To move NDD support file set:  
--Type 3.  
--Press <RETURN>.
- Observe, move NDD support file set flight identification screen appears.

**DESCRIPTION**

- NDD PRODUCTS MENU PROCEDURES (Cont.)
- MOVE SUPPORT FILE SET PROCEDURES (Cont.)

File Information Screen.

A typical NDD support file set name (MNO51TRA.d) consists of:

```

MN  O  51T  R  A  .d
      (file (Flt (stream (version
              ID) type) code)

```

**DISPLAY**

[mCpNddSF]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Move NDD Support Set

1. Flight Identification :
2. Stream Type :
- o Real Time [R]
- o Play Back [P]
- o Sim [S]
- o Test [T]
3. Version Code :
- o Version [A-Z]

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**PROCEDURE**

- Enter flt ID number of data base:  
--Type (flt ID number).  
--Press <RETURN>.
- Enter stream type:  
--Type P, R, S, or T.  
--Press <RETURN>.
- Enter version code:  
--Type (any letter A to Z).  
--Press <RETURN>.
- Observe, move NDD support file set transfer screen appears.

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- DESCRIPTION
- NDD PRODUCTS MENU PROCEDURES  
(Cont.)
  - MOVE SUPPORT FILE SET PROCEDURES  
(Cont.)
- Move NDD Support File Set Transfer Screen.

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GSFC USER  
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DISPLAY

(mCpNddsf)	MISSION PLANNING DD MMM YYYY - HH:MM Move NDD Support Set
NDD SUPPORT FILE SET FOR: FLIGHT ID: 51-T DATA STREAM: R/T VERSION: A	
SUPPORT FILE SET TRANSFERRED SUCCESSFULLY	
Hit return to continue.	

PROCEDURE

- Observe successful transfer prompt appears on screen: ● To continue:  
--Press <RETURN>.
- Observe NDD products menu appears.

SUPPORT FILE SET TRANSFERRED SUCCESSFULLY

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**REMOVE SUPPORT FILES FROM SDT DIRECTORY PROCEDURES**

# DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

- NDD PRODUCT MENU PROCEDURES (Cont.)

- REMOVE SUPPORT FILES FROM SDT DIRECTORY PROCEDURES

Select Remove Support Files From SDT Directory.

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SECTION 3  
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PROCEDURES

Inddprod

MISSION PLANNING

DD MMM YYYY - HH:MM

NDD Products Menu

1. Rebuild NDD Support Files

2. View NDD Support Files

3. Move NDD Support File Set

4. Remove Support files from SDT

SELECTION:

## PROCEDURE

- To remove support files from SDT directory:
  - Type 4.
  - Press <RETURN>.
- Observe, remove NDD support file set flight identification screen appears.

DESCRIPTION

- NDD PRODUCT MENU PROCEDURES (Cont.)
- REMOVE SUPPORT FILES FROM SDT DIRECTORY PROCEDURES (Cont.)

Remove NDD Support File Set Information Screen.

A typical NDD support file set name (MNO51TRA.d) consists of:

MN	O	51T	R	A	.d
	(file	(Flt	(stream	(version	
	type)	ID)	type)	code)	

PROCEDURE

- Enter flt ID number of data base:
  - Type (flt ID number).
  - Press <RETURN>.
- Enter stream type:
  - Type P, R, S, or I.
  - Press <RETURN>.
- Enter version code:
  - Type (any letter A to Z).
  - Press <RETURN>.
- Observe, remove NDD support file set screen appears.

DISPLAY

(mRmNddSF)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Remove NDD Support Files From SDT

1. Flight Identification :  
2. Stream Type :

- o Real Time [R]
- o Play Back [P]
- o Sim [S]
- o Test [T]

3 Version Code :

- o Version [A-Z]

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- NDD PRODUCT MENU PROCEDURES (Cont.)
  - REMOVE SUPPORT FILES FROM SDT DIRECTORY PROCEDURES (Cont.)
- Remove NDD Support File Set Screen.

**DISPLAY**

[mRmNddsF]	MISSION PLANNING DD MMM YYYY - HH:MM Remove NDD Support Files From SDT
NDD SUPPORT FILE SET FOR: FLIGHT ID: 51-T DATA STREAM:R/T VERSION: A	
OI SUPPORT FILE REMOVED GPC SUPPORT FILE REMOVED	
Hit Return To Continue	

**PROCEDURE**

- Observe successful transfer prompt appears on screen:
    - To continue:
      - Press <RETURN>.
    - Observe NDD products menu appears.
- OI SUPPORT FILE REMOVED  
GPC SUPPORT FILE REMOVED



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UTILITY MENU PROCEDURES

DESCRIPTION	
CHAPTER 6 MP PROCEDURES	● UTILITY MENU PROCEDURES
	Select Utility Menu.

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SECTION 3  
DDE USER  
PROCEDURES

DISPLAY

(entmenu)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Main Menu

1. Bulletin Board System  
2. Ancillary Products Menu  
3. SDT/TDT Enhancement Menu  
4. Process SDT/TDT Processing Task  
5. Halt an SDT/TDT Processing Task  
6. Scan SDT/TDT Database Errors  
7. NDD Products Menu  
8. Utility Menu

SELECTION:

PROCEDURE

- To view utility menu:
  - -Type g.
- Observe utility menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)  
Utility Menu.

DISPLAY

[utils]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Utility Menu

1. View SDT/TDT Data Base Menu
2. File Management Menu
3. View Ancillary Support Files
4. View NDD Support Files

SELECTION:

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PROCEDURE

- To select item from menu:  
--Type (menu item number).  
--Press <RETURN>.
- Observe, selected screen appears.
- To return to mission planning main menu from utility menu, press <CTRL>+<U>.

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VIEW SDT/TDT DATABASE PROCEDURES

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES

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DISPLAY

[utils] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Utility Menu

1. View SDT/TDT Data Base Menu
2. File Management Menu
3. View Ancillary Support Files
4. View NDD Support Files

SELECTION:

PROCEDURE

- To select view SDT/TDT database menu:  
--Type 1.  
--Press <RETURN>.
- Observe view SDT/TDT database menu appears on screen.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)

View SDT/TDT Database Menu.

**DISPLAY**

[viewdb]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibrated MSID's / Data Type
9. Final Report Menu

SELECTION:

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**PROCEDURE**

- To select database information to view:  
--Type (menu item number).  
--Press <RETURN>.
- Observe database information screen appears.

6-1011/6-1012

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VIEW DATABASE HEADER INFORMATION REPORT

# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW DATABASE HEADER INFORMATION PROCEDURE

Select Database Header Information.

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## DISPLAY

(viewdb)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibrated MSID's / Data Type
9. Final Report Menu

SELECTION:

## PROCEDURE

- To view database header information:
  - Type 1.
  - Press <RETURN>.
  - Observe that flight Id request screen appears.



## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW DATABASE HEADER INFORMATION PROCEDURE (Cont.)

### Flight Id Request Screen.

Enables user to select database by flight identification number.

## DISPLAY

[Mdbhead] MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Data Base Header Information

Enter Flight Id For Desired Data Base: | |

## CHAPTER 6 MP PROCEDURES

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## PROCEDURE

- To select database:  
--Enter (flt Id number).  
--Press <RETURN>.
- Observe continue and control prompts appear.

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW DATABASE HEADER INFORMATION PROCEDURE (Cont.)

Continue and Control Prompts.

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SECTION 3  
DFE USER  
PROCEDURES

# DISPLAY

[Mdbhead]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Data Base Header Information

Enter Flight Id For Desired Data Base: [ ]

Enter '\*' to continue:

Accept entries [CTRL E], Clear Field [CTRL Z], Exit [CTRL X]

## PROCEDURE

- To continue:  
--Type \*.  
OR  
--Press <CTRL>+<E>.
- Observe that database header information report request screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
  - VIEW DATABASE HEADER INFORMATION PROCEDURE (Cont.)
- Database Header Information Report Request Screen.
- Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

**NOTE:**

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate **TO:** destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

**DISPLAY**

[Mdbhead]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Data Base Header Information

REPORT TO: SCREEN PRINT FILE--FILENAME  
1. General Information About Data Base [ ] [ ]

REPORT #: Proceed in [F]oreground or [C]ancel

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**PROCEDURE**

- Select report:  
--Type X in appropriate [ ].  
--Press <RETURN>.
- Observe following command line appears on screen:  
**REPORT#:** Proceed in [F]oreground or [C]ancel  
--Type F.  
--Press <RETURN>.
- Observe that report 1 output (see example) appears on screen or is received at printer, as selected.

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW DATABASE HEADER INFORMATION PROCEDURE (Cont.)

Database Header Information  
Report output example.

DISPLAY PRINTOUT

<u>Flight Number</u>	<u>Tape Name</u>	<u>Tape Date</u>	<u>S/W Release ID</u>	<u>Build Date</u>	<u>Tape Type</u>
51G	SDT51G-0	11/30/84	51GF0	01/27/85	SDT

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

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**VIEW TLM FORMAT ID/DATA TYPE REPORT**

**CHAPTER 6  
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PROCEDURES**

**DESCRIPTION**

● **UTILITY MENU PROCEDURES (Cont.)**

● **VIEW SDT/TDT DATABASE PROCEDURES (Cont.)**

● **VIEW TLM FORMAT ID/DATA TYPE PROCEDURE**

Select View Telemetry Format Id and Data Type Information.

SECTION 1  
GSFC USER  
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SECTION 2  
TESTING USER  
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SECTION 3  
DPE USER  
PROCEDURES

**DISPLAY**

[viewdb]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibrated MSID's / Data Type
9. Final Report Menu

SELECTION:

**PROCEDURE**

- To view telemetry format Id and data type information:
  - Type 2.
  - Press <RETURN>.
  - Observe that flight Id request screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW TLM FORMAT ID/DATA TYPE PROCEDURE (Cont.)

Flight ID Request Screen.

Enables user to select database by flight identification number.

**DISPLAY**

(Mdtype) MISSION PLANNING  
DD MMM YYYY - HH:MM  
TLM Format Id /Data Type

Enter Flight Id For Desired Data Base: | | ]

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**PROCEDURE**

- To select database:  
--Enter (flt Id number).  
--Press <RETURN>.
- Observe that continue and control prompts appear.

DESCRIPTION

CHAPTER 6  
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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
- VIEW TLM FORMAT ID/DATA TYPE PROCEDURE (Cont.)

SECTION 1  
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SECTION 2  
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Continue and Control Prompts.

Enables user to select database by flight identification number.

DISPLAY

[Mdtype]                      MISSION PLANNING  
                                 DD MMM YYYY - HH:MM  
                                 TLM Format Id / Data Type

Enter Flight Id For Desired Data Base: [   ]

Enter '\*' to continue:

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

PROCEDURE

- To continue:  
    --Type \*.  
    OR  
    --Press <CTRL>+<E>.
- Observe that TLM format Id/data type report request screen appears.



**DESCRIPTION****DISPLAY**

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
  - VIEW TLM FORMAT ID/DATA TYPE PROCEDURE (Cont.)
- TLM Format ID/Data Type Report Request Screen.

Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

**NOTE:**

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate **TO:** destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

**PROCEDURE**

- Select report:  
--Type X in appropriate [ ].  
--Press <RETURN>.
- Observe following command line appears on screen:  
**REPORT#:** Proceed in [F]oreground or [C]ancel  
--Type F.  
--Press <RETURN>.

- Observe that selected report output (see examples) appears on screen or is received at printer, as selected.

[Mdtype].

MISSION PLANNING			
DD MMM YYYY - HH:MM	TO:	SCREEN	PRINT
TLM Format Id /Data Type		[ ]	[ ]
		[ ]	[ ]
REPORT			FILE--FILENAME
1. All TLM Format Id's/Data Type		[ ]	[ ]
2. Most Frequent Format Id/Data Type		[ ]	[ ]

**REPORT #:** Proceed in [F]oreground or [C]ancel

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
  - VIEW TLM FORMAT ID/DATA TYPE PROCEDURE (Cont.)
- TLM Format ID/Data Type  
Report 1 output example.

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PROCEDURES

DISPLAY PRINTOUT

Data Type    TLM Format Id    No. Occurrences  
BSS                    32                    6

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL>+<X>.
- Observe that view SDT/TDT database menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE PROCEDURES (Cont.)
  - VIEW TLM FORMAT ID/DATA TYPE PROCEDURE (Cont.)
- TLM Format ID/Data Type Report 2 output example.

DISPLAY

PRINTOUT

Data Type	No. Occurrences of Data Type	Most Frequent TLM Format Id	No Occurrences of Format Id
AMU	377	102	24

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PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL>+<X>.
- Observe that view SDT/TDT database menu appears on screen.

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SECTION 3  
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PROCEDURES

**VIEW UNIQUE OI FORMAT OCCURRENCES REPORT**

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
  - VIEW UNIQUE OI FORMAT ID OCCURRENCES REPORT
- Select Unique OI format Id Occurrences.

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PROCEDURES

SECTION 3  
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PROCEDURES

DISPLAY

[viewdb]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibrated MSID's / Data Type
9. Final Report Menu

SELECTION:

PROCEDURE

- To select unique OI format Id occurrences:
  - Type 3.
  - Press <RETURN>.
- Observe flight Id request screen appears.

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW UNIQUE OI FORMAT ID OCCURRENCES REPORT (Cont.)

Flight ID Request Screen.

Enables user to select database by flight identification number.

## DISPLAY

(Moifmt)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Unique OI Format Id Occurrences

Enter Flight Id For Desired Data Base: | |

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## PROCEDURE

- Select database:  
--Type (flt Id number).  
--Press <RETURN>.
- Observe continue and control prompts appear.

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
  - VIEW UNIQUE OI FORMAT ID OCCURRENCES REPORT (Cont.)
- Continue and Control Prompts.

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PROCEDURES

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PROCEDURES

# DISPLAY

[Moifmt] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Unique OI Format Id Occurrences

Enter Flight Id For Desired Data Base: | |

Enter '\*' to continue:

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

## PROCEDURE

- To continue:  
--Type \*.
- OR
- Press <CTRL>+<E>.
- Observe that unique OI format Id occurrences report request screen appears.

# CHAPTER 6 MP PROCEDURES

REPORT #: Proceed in Foreground or Cancel



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PROCEDURES

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)

- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- VIEW UNIQUE OI FORMAT ID OCCURRENCES REPORT (Cont.)

Unique OI Format Id Occurrences  
Report 1 output example.

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DISPLAY

PRINTOUT

<u>OI Format ID</u>	<u># Windows</u>	<u>OI Format ID</u>	<u># Windows</u>
102	3	105	3

No. Unique OI Format Ids: 2

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL>+<X>.
- Observe that view SDT/TDT database menu appears on screen.

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**VIEW UNIQUE GPC FORMAT ID OCCURRENCES REPORT**

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)

- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- VIEW UNIQUE GPC FORMAT ID OCCURRENCES REPORT

Select Unique GPC Format Id Occurrences.  
Menu items are selected by number.

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PROCEDURES

DISPLAY

[viewdb]

MISSION PLANNING  
DD MMMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibration MSID's / Data Type
9. Final Report Menu

SELECTION:

PROCEDURE

- To view unique GPC format Id occurrences:
  - Type 4.
  - Press <RETURN>.
- Observe that flight Id request screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW UNIQUE GPC FORMAT ID OCCURRENCES REPORT (Cont.)

**Flight ID Request Screen.**

Enables user to select data base by flight identification number.

**DISPLAY**

(Mgpcfmt)	MISSION PLANNING DD MMM YYYY - HH:MM Unique GPC Format Id Occurrences
Enter Flight Id For Desired Data Base:	

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PROCEDURES**PROCEDURE**

- Select data base:  
-- Enter (flt id number).
- Press <RETURN>.
- Observe continue and control prompts appear.

DESCRIPTION	
<div>CHAPTER 6 MP PROCEDURES</div> <div>SECTION 1 GSFC USER PROCEDURES</div> <div>SECTION 2 TESTING USER PROCEDURES</div> <div>SECTION 3 DDE USER PROCEDURES</div>	<ul style="list-style-type: none"><li>● UTILITY MENU PROCEDURES (Cont.)</li><li>● VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)</li><li>● VIEW UNIQUE GPC FORMAT ID OCCURENCES REPORT (Cont.)</li></ul>
	Continue and Control Prompts.

DISPLAY

[Mgpcfmt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Unique GPC Format Id Occurrences

Enter Flight Id For Desired Data Base: | |

Enter '\*' to continue:

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

PROCEDURE

- To continue:
    - Type \*.
    - Press <RETURN>.
  - OR
  - Press<CTRL>+<E>.
- Observe that unique GPC format Id occurrences report request screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW UNIQUE GPC FORMAT ID OCCURENCES REPORT (Cont.)

Unique GPC Format ID Occurrence Report Request Screen.

Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

NOTE:

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate **TO:** destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

PROCEDURE

- Select report:  
--Type X in appropriate [ ].  
--Press <RETURN>.
- Observe following command line appears on screen:  
**REPORT#:** Proceed in [F]oreground or [C]ancel  
--Type F.  
--Press <RETURN>.

DISPLAY

[Mgpcfmt]

MISSION PLANNING

DD MMM YYYY - HH:MM

Unique GPC Format Id Occurrences

REPORT

1. LBR/HBR/PDI Occurrences

TO:

SCREEN

[ ]

PRINT FILE--FILENAME

[ ]

REPORT #:

Proceed in [F]oreground or [C]ancel

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- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
  - VIEW UNIQUE GPC FORMAT ID OCCURRENCES REPORT (Cont.)
- Unique GPC Format Id Occurrences  
Report output example.

DISPLAY

PRINTOUT

GPC Format ID    TLM Type  
1                    pdi

No. Unique GPC Format Ids:    1

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

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VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT



# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT

Select Measurement Lengths/Data Type.

Menu items are selected by number.

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PROCEDURES

## DISPLAY

[viewdb]                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information
2. TLM Format Id / Data Type
3. Unique OI Format Id Occurrences
4. Unique GPC Format Id Occurrences
5. Measurement Lengths / Data Type
6. GPC Fmt Id's / OI Fmt Id's Menu
7. Calibration MSID Data / Data Type
8. Non-Calibration MSID's / Data Type

SELECTION:

## PROCEDURE

- To view measurement lengths/data type:  
--Type 5.  
--Press <RETURN>.
- Observe that flight Id request screen appears.

Enter Flight Id For Desired Data Base: [ ]

# DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)

- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT (Cont.)

Continue and Control Prompts.

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(Mmeasmt) MISSION PLANNING  
DD MMM YYYY - HH:MM  
Measurement Lengths/Data Type

Enter Flight Id For Desired Data Base: | |

Enter '\*' to continue:

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

## PROCEDURE

- To continue:  
--Type \*.

OR

--Press <CTRL>+<E>.

- Observe that measurement lengths/data type report request screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
  - VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT (Cont.)
- Measurement Lengths/Data Type Report Request Screen.
- Enables user to select report and send report to SCREEN for viewing, PRINT for printout, or to FILE for storage.

NOTE:

- REPORT#: Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate TO: destination and <RETURN> is pressed.
- It is advisable to send large reports to printer rather than to screen.

PROCEDURE

- Select report:
  - Type X in appropriate [    ].
  - Press <RETURN>.
- Observe REPORT#: Proceed in [F]oreground or [C]ancel command line appears on screen.
  - Type F.
  - Press <RETURN>.

DISPLAY

[Mmeasmt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Measurement Lengths/Data Type

REPORT

1. For All TLM Format Id's  
2. For Most Frequent TLM Format Id

TO: SCREEN  
TO: FILE

PRINT  
PRINT

FILE--FILENAME

REPORT #: Proceed in [F]oreground or [C]ancel

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- Observe that selected report output (see examples) appears on screen or is received at printer, as selected.

DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT (Cont.)

Measurement Lengths/Data Type Report 1 output example.

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PROCEDURES

DISPLAY PRINTOUT

Data Type BD    Measurement Length 1    TLM Format Id 164    No. Occurrences 13

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW MEASUREMENT LENGTHS/DATA TYPE REPORT (Cont.)

Measurement Lengths/Data Type Report 2 output example.

DISPLAY

PRINTOUT

Data Type	Measurement Length	Most Frequent TLM Format Id	No. Occurrences
AMU	8	102	24

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PROCEDURE

- To return to view SDT/TDT database menu:  
-- Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

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**VIEW GPC FMT ID'S / OI FMT ID'S MENU**

DESCRIPTION

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PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU (Cont.)
- VIEW GPC FMT ID'S/OI FMT ID'S MENU

Select GPC Fmt Id's/OI Fmt Id's Menu.

Menu items are selected by number.

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DISPLAY

(viewdb|

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information      9. Final Report Menu

2. TLM Format Id / Data Type

3. Unique OI Format Id Occurrences

4. Unique GPC Format Id Occurrences

5. Measurement Lengths / Data Type

6. GPC Fmt Id's / OI Fmt Id's Menu

7. Calibration MSID Data / Data Type

8. Non-Calibration MSID's / Data Type

SELECTION:

PROCEDURE

- To select GPC format Id's and OI format Id's menu:
  - Type 6.
  - Press <RETURN>.
- Observe GPC format Id's and OI format Id's menu appears.



DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU (Cont.)
- VIEW GPC FMT ID'S/OI FMT ID'S MENU (Cont.)

Select All or Specific OI Format Id's.

DISPLAY

[Moigpc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
GPC Fmt Id's/OI Fmt Id's

1. GPC Format Id's/All OI Format Id's  
2. GPC Format Id's/Specific OI Format

SELECTION:

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PROCEDURE

- To select GPC format Id's with all OI format Id's:
  - Type 1.
  - Press <RETURN>.
  - Observe flight Id request screen appears.
- To select GPC format Id's with specific OI format Id's:
  - Type 2.
  - Press <RETURN>.
  - Observe flight Id request screen appears.

## DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU (Cont.)
- VIEW GPC FMT ID'S/OI FMT ID'S MENU (Cont.)

Flight ID Request Screen.

[Moigpc] MISSION PLANNING  
DD MMM YYYY - HH:MM  
GPC Fmt Id's/OI Fmt Id's

Enter Flight Id For Desired Data Base: [ ]

## PROCEDURE

- To select database:  
--Type (flight Id).  
--Press <RETURN>.
- Observe continue and control prompts appear.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU (Cont.)
- VIEW GPC FMT ID'S/OI FMT ID'S MENU (Cont.)

Continue and Control Prompts.

DISPLAY

[Moigpc]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
GPC Fmt Id's/OI Fmt Id's

Enter Flight Id For Desired Data Base: [ ]

Enter '\*' to continue:

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

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PROCEDURE

- To continue:  
--Type \*.

OR

--Press <CTRL>+<E>.

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VIEW CALIBRATION MSID DATA/DATA TYPE REPORT

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SECTION 1 GSFC USER PROCEDURES	● UTILITY MENU PROCEDURES (Cont.)
SECTION 2 TESTING USER PROCEDURES	● VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
SECTION 3 DFE USER PROCEDURES	● VIEW CALIBRATION MSID DATA/DATA TYPE REPORT

Select Calibration MSID Data/Data Type.

## DISPLAY

[viewdb]	MISSION PLANNING
	DD MMM YYYY - HH:MM
	View SDT/TDT Data Base Menu
1.	Data Base Header Information
2.	TLM Format Id / Data Type
3.	Unique OI Format Id Occurrences
4.	Unique GPC Format Id Occurrences
5.	Measurement Lengths / Data Type
6.	GPC Fmt Id's / OI Fmt Id's Menu
7.	Calibration MSID Data / Data Type
8.	Non-Calibration MSID's / Data Type
SELECTION:	

## PROCEDURE

- To select calibration MSID data/data type:  
--Type 7.  
--Press <RETURN>.
- Observe that flight Id request screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- **VIEW CALIBRATION MSID DATA/DATA TYPE REPORT (Cont.)**

Flight Id Request Screen.

Enables user to select database by flight identification number.

DISPLAY

(Mcmsid)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibrated MSID Data/Data Type

Enter Flight Id For Desired Database:

PROCEDURE

- Select database:  
--Enter (flt Id number).
- Press <RETURN>.
- Observe that enter data, enter MSID, and control prompts appear.

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**DESCRIPTION****DISPLAY****CHAPTER 6  
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- UTILITY MENU PROCEDURES (Cont.)

**SECTION 1  
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PROCEDURES**

- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

**SECTION 2  
TESTING USER  
PROCEDURES**

- VIEW CALIBRATION MSID DATA/DATA TYPE REPORT (Cont.)

Enter Data Type, Enter MSID and Control Prompts.

**SECTION 3  
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MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibrated MSID Data/Data Type

(Mcimsid)

Enter Data Type ('\*' = ALL):  
Enter MSID Name ('\*' = ALL)  
Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

**PROCEDURE**

- To enter a specific data type:  
--Type (data type).  
--Press <RETURN>.
- OR
- To view all data types:  
--Press <RETURN>.
- To enter a specific data type:  
--Type \*.  
--Press <RETURN>.
- To enter a specific MSID name:  
--Type (MSID name).  
--Press <RETURN>.
- OR
- To view all MSID for selected data type:  
--Type \*.  
--Press <RETURN>.
- To accept entries:  
--Press <CTRL>+<E>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW CALIBRATION MSID DATA/DATA TYPE REPORT (Cont.)

Calibrated MSID Data/Data Type Report Request Screen.

Enables user to select report and send report to SCREEN for viewing, PRINT for printout, or to FILE for storage.

NOTE:

- REPORT #: Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate TO: destination and <RETURN> is pressed.
- It is advisable to send large reports to printer rather than to screen.

PROCEDURE

- Select report:
  - Type X in appropriate [ ]
  - Press <RETURN>.
- Observe REPORT #: Proceed in [F]oreground or [C]ancel command line appears on screen
  - Type F.
  - Press <RETURN>.
- Observe that selected report output (see examples) appears on screen or is received at printer, as selected.

DISPLAY

[Micmsid]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Calibrated MSID Data/Data Type

REPORT

TO: SCREEN PRINT FILE--FILENAME

1. MSID And Cal Curve Degrees/Data Type [ ] [ ]

2. All MSID Calibration Data/Data Type [ ] [ ]

REPORT #: Proceed in [F]oreground or [C]ancel

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW CALIBRATION MSID DATA/DATA TYPE REPORT (Cont.)

Calibrated MSID Data/Data Type  
Menu Report 1 output example.

DISPLAY PRINTOUT

<u>Data Type</u>	<u>MSID Name</u>	<u>CAL Curve Degree</u>
AMU	V76V0200A	1
	V76V0230A	1
	V76V0300A	3
BSS	V72H1125C	3
	V72H1127C	3
	V72H1129C	0

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW CALIBRATION MSID DATA/DATA TYPE REPORT (Cont.)

Calibrated MSID Data/Data Type  
Report 2 output example.

DISPLAY

PRINTOUT

Data Type:	AMU		
<u>MSID Name</u>	<u>Low Ind. Variable</u>	<u>High Ind. Variable</u>	<u>Coefficient 0</u>
V45C0201A			0.0
<u>Coefficient 1</u>	<u>Coefficient 2</u>	<u>Coefficient 3</u>	<u>Coefficient 4</u>
7.8816059E-14	2.0000000E + 00		
			<u>Coefficient 5</u>

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PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL> + <X>.
- Observe that view SDT/TDT database menu appears on screen.

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**NON-CALIBRATION MSIDS/DATA TYPE REPORT**

DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- **NON-CALIBRATION MSID/DATA TYPE REPORT**

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Select Non-Calibration MSID's/Data Type.  
Menu items are selected by number.

DISPLAY

(viewdb)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information  
2. TLM Format Id / Data Type  
3. Unique OI Format Id Occurrences  
4. Unique GPC Format Id Occurrences  
5. Measurement Lengths / Data Type  
6. GPC Fmt Id's / OI Fmt Id's Menu  
7. Calibration MSID Data / Data Type  
8. Non-Calibration MSID's / Data Type

9. Final Report Menu

SELECTION:

PROCEDURE

- To view non-calibration MSID's/data type:
  - Type 8.
  - Press <RETURN>.
- Observe that flight Id request screen appears.

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- **NON-CALIBRATION MSID/DATA TYPE REPORT**

Flight ID Request Screen.

Enables user to select database by flight identification number.

## DISPLAY

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[Mnclmsid]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Calibration MSID Data/Data Type

Enter Flight Id For Desired Data Base: [ ]

## PROCEDURE

- Select database:  
--Enter (flt Id number).  
--Press <RETURN>.
- Observe that enter data type, enter MSID name, and control prompts appear.

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SECTION 1 GSFC USER PROCEDURES	<ul style="list-style-type: none"> <li>● UTILITY MENU PROCEDURES (Cont.)</li> <li>● VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)</li> </ul>
SECTION 2 TESTING USER PROCEDURES	<ul style="list-style-type: none"> <li>● NON-CALIBRATION MSID/DATA TYPE REPORT</li> </ul> <p>Enter Data Type, Enter MSID Name, and Control Prompts.</p>
SECTION 3 DDE USER PROCEDURES	

**DISPLAY**

(Mnclmsid)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Calibration MSID Data/Data Type

Enter Data Type ('\*' = ALL):  
Enter MSID Name ('\*' = ALL):

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

**PROCEDURE**

- To enter a specific data type:  
--Type (data type).  
--Press <RETURN>.
- OR
- To view all data types:  
--Type \*.  
--Press <RETURN>.
- To enter a specific MSID name:  
--Type (MSID name).  
--Press <RETURN>.
- OR
- To view all MSID for selected data type:  
--Type \*.  
--Press <RETURN>.
- To accept entries:  
--Press <CTRL>+<E>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- **NON-CALIBRATION MSID/DATA TYPE REPORT**

Non-Calibration MSID/Data Type Report (Cont.)

Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

NOTE:

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate TO: destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

PROCEDURE

- Select report:
  - Type X in appropriate [ ].
  - Press <RETURN>.
- Observe **REPORT#:** Proceed in [F]oreground or [C]ancel command line appears on screen.
  - Type E.
  - Press <RETURN>.

DISPLAY

[Mnclmsid] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Calibration MSID Data/Data Type

REPORT TO: SCREEN PRINT FILE--FILENAME  
1. Non-calibration MSID's/Data Type [ ] [ ]

REPORT #: Proceed in [F]oreground or [C]ancel

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- Observe that report 1 output (see example) appears on screen or is received at printer, as selected.

DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- **NON-CALIBRATION MSID/DATA TYPE REPORT**  
Non-Calibration MSID/Data Type Report 1 output example.

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DISPLAY PRINTOUT

.	<u>Data Type</u> BD	<u>MSID Name</u> V79X2641X V79X2642X V79X2643X
	DPL	V95H0185C V98H0186C
	EMD	V75W3504D

PROCEDURE

- To return to view SDT/TDT database menu:  
--Press <CTRL>+<X>.
- Observe that view SDT/TDT database menu appears on screen.



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VIEW FINAL REPORT MENU

CHAPTER 6 MP PROCEDURES	DESCRIPTION	
	●	UTILITY MENU PROCEDURES (Cont.)
	●	VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
	●	VIEW FINAL REPORT MENU Select Final Report Menu. Menu items are selected by number.

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DISPLAY

(viewdb)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View SDT/TDT Data Base Menu

1. Data Base Header Information      9. Final Report Menu  
2. TLM Format Id / Data Type  
3. Unique OI Format Id Occurrences  
4. Unique GPC Format Id Occurrences  
5. Measurement Lengths / Data Type  
6. GPC Fmt Id's / OI Fmt Id's Menu  
7. Calibration MSID Data / Data Type  
8. Non-Calibration MSID's / Data Type

SELECTION:

PROCEDURE

- To select final report menu:  
--Type 9.  
--Press <RETURN>.
- Observe that final report menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)

Select Calibrated or Non-Calibrated MSID Information.

Enables user to select final report sub-menu.

DISPLAY

[Mfinal]

MISSION PLANNING  
DD MMM YYYY- HH:MM  
Final Report Menu

1. Calibrated MSID Information  
2. Non-Calibrated MSID Information

SELECTION:

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PROCEDURE

- To select MSID information:
  - Type (menu item number).
  - Press <RETURN>.
  - Observe that selected MSID information final report sub-menu appears on screen.

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VIEW CALIBRATED MSID INFORMATION

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- **CALIBRATED MSID INFORMATION REPORT MENU**

Select Calibrated MSID Information.

Enables user to select final report sub-menu.

**DISPLAY**

(Mfinal) MISSION PLANNING  
DD MMM YYYY- HH:MM  
Final Report Menu

1. Calibrated MSID Information
2. Non-Calibrated MSID Information

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**PROCEDURE**

- To select calibrated MSID information:
  - Type 1.
  - Press <RETURN>.
  - Observe that calibrated MSID information final report sub-menu appears on screen.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- **CALIBRATED MSID INFORMATION REPORT MENU (Cont.)**

Select Calibrated Data For All or Specific TLM Format Id's.

**DISPLAY**

[Mcalfinl]	MISSION PLANNING DD MMM YYYY - HH:MM Calibrated MSID Information
1. Cal Data For All TLM Format Id's 2. Cal Data For Specific TLM Format Id	
SELECTION:	

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**PROCEDURE**

- To select calibrated data for all telemetry format Id's:
  - Type 1.
  - Press <RETURN>.
- Observe that calibrated data for all telemetry format Id's flight Id request screen appears.
- To select calibrated data for specific telemetry format Id:
  - Type 2.
  - Press <RETURN>.
- Observe that calibrated data for specific telemetry format Id's flight Id request screen appears.

## DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- **CALIBRATED MSID INFORMATION REPORT MENU (Cont.)**

Flight Id Request Screen.

Enables user to select database by flight identification number.

Observe similar flight Id request screen appears (when selected) for:

[Mcfinal2] Cal Data For Specific TLM Format Id

## DISPLAY

[Mcfinal1] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Cal Data For All TLM Format Id's  
  
Enter Flight ID for Desired Data Base:

## PROCEDURE

- To select database:  
-- Enter (flight Id number).  
-- Press <RETURN>.
- Observe enter data type, enter MSID name and control prompts appear.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Enter Data Type, Enter MSID Name, and Control Prompts.

**DISPLAY**

[Mcfinal]) MISSION PLANNING  
DD MMM YYYY - HH:MM  
Cal Data For All TLM Format Id's

Enter Data Type ('\*' = ALL)  
Enter MSID Name ('\*' = ALL)

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

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**PROCEDURE**

- To select a specific data type:
  - Type (data type).
  - Press <RETURN>.
- To select all data types:
  - Type \*.
  - Press <RETURN>.
- To accept entries:
  - Press <CTRL> + <E>.

- To select a specific MSID name:

- Type (MSID name).
- Press <RETURN>.

- To select all MSID for selected data type:

- Type \*.
- Press <RETURN>.

- To accept entries:
  - Press <CTRL> + <E>.



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### DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

#### TLM Report Request Screen.

Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

#### NOTE:

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate **TO:** destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

### PROCEDURE

- Select report form:  
--Type X in appropriate [ ] under **PRINT**.  
--Press <RETURN>.
- Observe **REPORT#:** Proceed in [F]oreground or [C]ancel command line appears on screen.  
--Type F.  
--Press <RETURN>.

- Observe that selected report output (see examples) appears on screen or is received at printer, as selected. (All final reports should be sent to printer because of size.)
- To return to final report menu:  
--Press <CTRL> + <X>.

### DISPLAY

[Mcfinal1]  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
Cal Data For All TLM Format Id's

REPORT	TO:	SCREEN	PRINT	FILE--FILENAME
1. Information Ordered By TLM Form	[ ]	[ ]	[ ]	[ ]
2. Information Ordered By Data Type	[ ]	[ ]	[ ]	[ ]
3. Information Ordered By MSID Name	[ ]	[ ]	[ ]	[ ]

**REPORT #:** Proceed in [F]oreground or [C]ancel

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Report Example:

Example of cal data for all TLM format Id's ordered using Information Ordered By TLM Format Id report selection.

DISPLAY

PRINTOUT

CALIBRATED MSID INFORMATION ORDERED BY TLM FORMAT ID

\*\*\*\*\*  
\* TLM Format Id: 22 \*  
\*\*\*\*\*

Msid Name Frame Word Samples/Second Start Bit Meas. Length Data Type Data Unit Low Ind. Variable High Ind. Variable

V43P4649C 111 58 1 0 10 AMU PCT  
CAL Coefficients: 0.00000 0.00000000E+00 3.2000000E-01  
V92U5504CX10 10 1 0 16 VAR SPECIAL

CAL Coefficients:

PROCEDURE

- (None).

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  - VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
  - VIEW FINAL REPORT MENU (Cont.)
  - CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Report Example:

Cal data for specific TLM format Id ordered using Information Ordered By Data type report selection.

PROCEDURE

- (None).

DISPLAY PRINTOUT

CALIBRATED MSID INFORMATION ORDERED BY DATA TYPE

\*\*\*\*\*  
\* Data Type: AMU \*  
\*\*\*\*\*

MSID Name	Data Unit	Low Ind Variable	High Ind Variable	TLM Format Id	Frame	Word	Samples/Second	Start Bit	Meas Length
V43P4649C	PCT	21	57	58	1	0	3.2000000E-01		10
CAL Coefficients:		0.000000		0.00000000E+00					

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**VIEW NON-CALIBRATED MSID INFORMATION**

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- **NON-CALIBRATED MSID INFORMATION REPORT MENU**

Select Non-Calibrated MSID Information.

Enables user to select final report sub-menu.

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DISPLAY

(Mfinal)  
MISSION PLANNING  
DD MMM YYYY-HH:MM  
Final Report Menu

1. Calibrated MSID Information
2. Non-Calibrated MSID Information

SELECTION:

PROCEDURE

- To select non-calibrated MSID information:
  - Type 2.
  - Press <RETURN>.
  - Observe that non-calibrated MSID information final report sub-menu appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Select Non-Calibrated Data For All or Specific TLM Format Id's.

DISPLAY

(Mnclfinl)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Calibrated MSID Information

1. Non-Cal Data For All TLM Format Id's  
2. Non-Cal Data For Specific TLM Format Id

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PROCEDURE

- To select non-calibrated data for all telemetry format Id's:
  - Type 1.
  - Press <RETURN>.
- To select non-calibrated data for all telemetry format Id's:
  - Type 2.
  - Press <RETURN>.
- Observe that non-calibrated data for all telemetry format Id's flight Id request screen appears. Observe that non-calibrated data for specific telemetry format Id's flight Id request screen appears.

DESCRIPTION	
<div>CHAPTER 6 MP PROCEDURES</div> <div>SECTION 1 GSFC USER PROCEDURES</div> <div>SECTION 2 TESTING USER PROCEDURES</div> <div>SECTION 3 DEF USER PROCEDURES</div>	<ul style="list-style-type: none"><li>● UTILITY MENU PROCEDURES (Cont.)</li><li>● VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)</li><li>● VIEW FINAL REPORT MENU (Cont.)</li><li>● NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)</li></ul> <p>Flight Id Request Screen.</p> <p>Enables user to select database by flight identification number.</p> <p>Observe similiar flight Id request screens appear (when selected) for:</p> <p>[Mncfinl2] Non-Cal Data For Specific TLM Format Id</p>

DISPLAY

[Mncfinl1]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Cal Data For All TLM Format Id's

Enter Flight ID for Desired Data Base:

PROCEDURE

- To select database:
  - Enter (flight Id number).
  - Press <RETURN>.
- Observe enter data type, enter MSID name and control prompts appear.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Enter Data Type, Enter MSID Name, and Control Prompts.

DISPLAY

[Mncfinl]  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
Non-Cal Data For All TLM Format Id's

Enter Data Type ('\*' = ALL)  
Enter MSID Name ('\*' = ALL)

Accept entries [CTRL E], Clear field [CTRL Z], Exit [CTRL X]

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PROCEDURE

- To select a specific data type:
  - Type (data type).
  - Press <RETURN>.
- To select all data types:
  - Type \*.
  - Press <RETURN>.
- To select a specific MSID name:
  - Type (MSID name).
  - Press <RETURN>.
- To select all MSID for selected data type:
  - Type \*.
  - Press <RETURN>.
- To accept entries:
  - Press <CTRL> + <E>.



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### DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)

- VIEW FINAL REPORT MENU (Cont.)

- **NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)**

TLM Report Request Screen.

Enables user to select report and send report to **SCREEN** for viewing, **PRINT** for printout, or to **FILE** for storage.

#### NOTE:

**REPORT#:** Proceed in [F]oreground or [C]ancel command line appears only after an X is typed under appropriate **TO:** destination and <RETURN> is pressed.

- It is advisable to send large reports to printer rather than to screen.

## PROCEDURE

- Select report form:
  - Type X in appropriate [ ] under **PRINT**.
  - Press <RETURN>.
- Observe **REPORT#:** Proceed in [F]oreground or [C]ancel command line appears on screen.
  - Type F.
  - Press <RETURN>.
- Observe that selected report output (see examples) appears on screen or is received at printer, as selected. (All final reports should be sent to printer because of size.)
  - To return to final report menu:
    - Press <CTRL> + <X>.

### DISPLAY

```
[Mnctm1]          MISSION PLANNING
                  DD MMMM YYYY - HH:MM
                  Non-Cal Data For All TLM Format id's

REPORT            TO:  SCREEN      PRINT  FILE--FILENAME
1. Information Ordered By TLM Form      [ ]  [ ]
2. Information Ordered By Data Type     [ ]  [ ]
3. Information Ordered By MSID Name     [ ]  [ ]
```

**REPORT #:** Proceed in [F]oreground or [C]ancel

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

Report Example:

Example of non-cal data for all TLM format Id's ordered using Information Ordered By MSID Name report selection.

DISPLAY

PRINTOUT

NON-CALIBRATED MSID INFORMATION ORDERED BY MSID NAME

MSID Name	Data Type	Data Unit	TLM Format Id	Frame	Word	Samples/Second	Start Bit	Meas. Length
V41X1388E	BD	EVENT	102	9	20	1	7	1
			103	28	42	1	7	1
V41X1389X	BD	EVENT	21	19	30	1	10	1
			22	102	30	1	10	1

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PROCEDURE

- (None).

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW SDT/TDT DATABASE MENU PROCEDURES (Cont.)
- VIEW FINAL REPORT MENU (Cont.)
- NON-CALIBRATED MSID INFORMATION REPORT MENU (Cont.)

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Report Example:

Example of non-cal data  
for specific TLM format Id  
ordered using Information  
Ordered By TLM Format  
Id report selection.

DISPLAY

PRINTOUT

NON-CALIBRATED MSID INFORMATION ORDERED BY TLM FORMAT ID

TLM Format Id	Msid Name	Data Type	Data Unit	Frame	Word	Samples/Second	Start Bit	Meas. Length
21	V41X1389X	BD	EVENT	19	30	1	10	1
	V41X1410X	BD	EVENT	19	6	1	10	1
	V79X2642X	BD	EVENT	56	58	1	5	1
	V90U2240C	SPL	ND	69	10	1	0	32

PROCEDURE

- (None).

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DFE USER  
PROCEDURES

**FILE MANAGEMENT MENU PROCEDURES**

## CHAPTER 6 MP PROCEDURES

### DESCRIPTION

- **UTILITY MENU PROCEDURES (Cont.)**

- **FILE MANAGEMENT MENU PROCEDURES**

Select File Management Menu.

These procedures enable user to select, list, add, delete, and move various files involved in mission planning.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

### DISPLAY

[utils]                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
Utility Menu

1. View SDT/TDT Data Base Menu
2. File Management Menu
3. View Ancillary Support Files
4. View NDD Support Files

SELECTION:

### PROCEDURE

- To select file management menu:  
--Type 2.  
--Press <RETURN>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

File Management Menu.

Provides user capability to add, delete, list, and move various files involved in mission planning.

Menu items selected by number.

DISPLAY

(filegmt)                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory                      9. List Planning Directory  
2. Remove Random File From SDT Dir                      10. Remove a Planning File  
3. List a Selection Data Base Directory  
4. Remove Random File From Anc. Dir.  
5. Move Ancillary Support Files  
6. Remove Support File From Anc. Dir.  
7. Remove a Selection Data Base  
8. List Support File Directory

SELECTION:

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SECTION 2  
TESTING USER  
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SECTION 3  
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PROCEDURES

PROCEDURE

- To select menu item:  
--Type (menu item number).  
--Press <RETURN>.
- Observe that appropriate display for selected item appears on screen.

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SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

LIST SDT DATABASE DIRECTORY PROCEDURES

# DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST SDT DATABASE DIRECTORY PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

Select List SDT Database Directory.

(filemgmt) MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

## PROCEDURE

- To select, list SDT database directory:
  - Type 1.
  - Press <RETURN>.
- Observe that flight Id request screen appears.



DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST SDT DATABASE DIRECTORY PROCEDURES (Cont.)

Flight ID Request Screen.

Enables user to select database by flight identification number.

DISPLAY

(msStList)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
List SDT Data Base Directory

Enter Flight Id for Desired Data Base:

Hit Return to Continue

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GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

PROCEDURE

- Enter flight Id for desired database:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that SDT data base directory listing appears.

DESCRIPTION

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PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

● LIST SDT DATABASE DIRECTORY  
PROCEDURES (Cont.)

SDT Database Directory Listing.

Provides a listing of SDT databases.

To return to file management menu, press  
<RETURN>.

To return to ancillary product menu at any  
time, press <CTRL> + <U>.

PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe that file management menu appears on  
screen.

DISPLAY

(msStlist)  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
List SDT Data Base Directory

DIRECTORY LISTING

<u>DIRECTORY ENTRY</u>	<u>ENTRY TYPE</u>	<u>SIZE (IN BYTES)</u>	<u>DATE OF LAST MODIFICATION</u>
MxS51Axx.db	file	2821520	06/28/85
MGD51APT.dd	directory	352	09/19/85
MxU51Axx.db	file	2821520	06/28/85
MNO51APT.d	file	320876	09/23/85
MNQ51APT.d	file	453210	09/23/85
MGD51ARB.dd	directory	500	09/12/85

Hit Return to Continue

**CHAPTER 6  
MP  
PROCEDURES**

**SECTION 1  
GSFC USER  
PROCEDURES**

**SECTION 2  
TESTING USER  
PROCEDURES**

**SECTION 3  
DFE USER  
PROCEDURES**

**REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE**

DESCRIPTION

CHAPTER 6  
MP  
PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
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SECTION 3  
DPE USER  
PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

● REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE

Select Remove Random File From SDT Directory.

Provides user capability to add, delete, list, and move various files involved in mission planning.

DISPLAY

[filegmt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

PROCEDURE

- To select, remove random file from SDT directory:
  - Type 2.
  - Press <RETURN>.
- Observe that flight Id request screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.)

Flight ID Request Screen.

Enables user to select database by flight identification number.

DISPLAY

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SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

[mRmSfile]                      MISSION PLANNING  
   DD MMM YYYY HH:MM  
   Remove Random File From SDT Dir.

Enter Flight Id for Desired Data Base:

Hit Return to Continue

PROCEDURE

- Enter flight Id for desired data base:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that file name request screen appears.

DESCRIPTION	DISPLAY
<p><b>CHAPTER 6 MP PROCEDURES</b></p> <ul style="list-style-type: none"> <li>● <b>UTILITY MENU PROCEDURES (Cont.)</b></li> <li>● <b>FILE MANAGEMENT MENU PROCEDURES (Cont.)</b></li> <li>● <b>REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.)</b> File Name Request Screen.</li> </ul>	<p>(mRmSFile)</p> <p>MISSION PLANNING DD MMM YYYY - HH:MM Remove Random File From SDT Dir.</p> <p>Enter File Name To Be Removed:</p>
<p>Enables user to enter name of any SDT file that is to be removed.</p>	
<p>File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to field asking for name of file to be removed.</p>	
<p>User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.</p>	

**PROCEDURE**

- Enter name of file to be removed:
  - Type (file name).
  - Press <RETURN>.
- If applicable conditions are satisfied, requested file is removed from SDT directory. Observe, file removed screen appears.

OR

- If file does not exist or file name is typed wrong, error advisory appears. Observe, remove random file from SDT directory error advisory screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- **REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.)**

File Error Advisory Screen.

File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to field asking for name of file to be removed.

Retype name of file or press <CTRL> + <U> to return to main menu.

**DISPLAY**

```
(mRmSFile)      MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  Remove Random File From SDT Dir.

Enter File Name To Be Removed:

FILE ***** DOES NOT EXIST
```

**CHAPTER 6  
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SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DPE USER  
PROCEDURES

**PROCEDURE**

- Reenter name of file to be removed:
  - Type (file name).
  - Press <RETURN>.
- If conditions are satisfied, requested file is removed from SDT directory. Observe file removed screen appears.
- If file still does not exist, return to ancillary products menu:
  - Press <CTRL> + <U>.

DESCRIPTION		DISPLAY
CHAPTER 6 MP PROCEDURES	● UTILITY MENU PROCEDURES (Cont.)	<div>(mRmSFile)</div> <div>MISSION PLANNING DD MMM YYYY - HH:MM Remove Random File From SDT Dir</div> <div>Enter File Name To Be Removed:</div> <div>PERMISSION TO REMOVE FILE ***** DENIED</div>
	● FILE MANAGEMENT MENU PROCEDURES (Cont.)	
	● REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.) User Clearance Error Screen.  User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.  (User cannot remove databases, support files, etc. from this screen.)  User must return to ancillary products menu at this point by pressing <CTRL> + <U>.	

PROCEDURE

- Return to ancillary products menu:  
--Press <CTRL> + <U>.



**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.)

File Removed Screen.

Confirms that requested file has been removed.

To return to file management menu, press <RETURN>.

**DISPLAY**

[mRmSfile]

MISSION PLANNING

DD MMM YYYY - HH:MM

Remove Random File From SDT Dir.

SDT FILE FOR FLIGHT xx-x

FILE REMOVED FROM DIRECTORY

Hit Return To Continue

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SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
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PROCEDURES

**PROCEDURE**

- To return to file management menu:  
--Press <RETURN>.
- Observe, file management menu appears on screen.

6-1101/6-1102

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LIST A SELECTION DATABASE DIRECTORY PROCEDURE

# DESCRIPTION

## CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

### ● LIST A SELECTION DATABASE DIRECTORY PROCEDURE

Select List a Selection Database Directory.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

# DISPLAY

[filegmt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

## PROCEDURE

- To select, list a selection database directory:
  - Type 3.
  - Press <RETURN>.
- Observe that database information screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST A SELECTION DATABASE DIRECTORY PROCEDURE (Cont.)

Database Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:): associated with selection category.

PROCEDURE (Cont.)

- To enter flight identification number:
  - Type appropriate (flight ID number).
  - Press <RETURN>.
- To enter stream type:
  - Type appropriate letter (R, P, S, or T).
  - Press <RETURN>.

DISPLAY

[m Gsfclst]

MISSION PLANNING

DD MMM YYYY - HH:MM

List a Selection Database Directory

1. Flight Identification

2. Stream Type

o Play Back [P]

o Real Time [R]

o Sim [S]

o Test [T]

3. Version Code

o Version [A-Z]

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SECTION 2  
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SECTION 3  
DDE USER  
PROCEDURES

- To enter version code:
  - Type appropriate letter (A-Z).
  - Press <RETURN>.
- Observe that directory listing appears.

CHAPTER 6  
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PROCEDURES

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - FILE MANAGEMENT MENU PROCEDURES (Cont.)
  - LIST A SELECTION DATABASE DIRECTORY PROCEDURE (Cont.)
- Directory Listing.

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DDE USER  
PROCEDURES

DISPLAY

[mGsfclst]  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
List a Selection Database Directory

DIRECTORY ENTRY	DIRECTORY LISTING		
	ENTRY TYPE	SIZE (IN BYTES)	DATE OF LAST MODIFICATION
MGU51APT.db	file	211490	09/19/85
MGS51APT.db	file	270052	09/19/85
MGS51APT.d	file	432	09/19/85
MGE51APT.d	file	356	09/19/85
MGF51APT.d	file	362	09/19/85

Hit Return To Continue

PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe that file management menu appears on screen.

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SECTION 2  
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REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE

CHAPTER 6 MP PROCEDURES	DESCRIPTION	
	UTILITY MENU PROCEDURES (Cont.)	
	FILE MANAGEMENT MENU PROCEDURES (Cont.)	
	<b>● REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE</b> Select Remove Random File From Ancillary Directory.	

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

DISPLAY

(filemgmt)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory

2. Remove Random File From SDT Dir

3. List a Selection Data Base Directory

4. Remove Random File From Anc. Dir.

5. Move Ancillary Support Files

6. Remove Support File From Anc. Dir.

7. Remove a Selection Data Base

8. List Support File Directory

9. List Planning Directory

10. Remove a Planning File

SELECTION:

PROCEDURE

- To select, remove random file from ancillary directory:
  - Type 4.
  - Press <RETURN>.
- Observe that database information screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

Database Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

DISPLAY

[mGsfclst]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
List a Selection Database Directory

1. Flight Identification :  
2. Stream Type [P] :  
    o Play Back [R]  
    o Real Time [S]  
    o Sim [T]  
    o Test [T]  
3. Version Code [A-Z] :

CHAPTER 6 MP PROCEDURES	SECTION 1 GSFC USER PROCEDURES	SECTION 2 TESTING USER PROCEDURES	SECTION 3 DFE USER PROCEDURES
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PROCEDURE (Cont.)

- To enter flight identification number:  
--Type appropriate (flight ID number).  
--Press <RETURN>.
- To enter stream type:  
--Type appropriate letter (R, P, S, or T).  
--Press <RETURN>.
- To enter version code:  
--Type appropriate letter (A-Z).  
--Press <RETURN>.
- Observe that file name request screen appears.



- DESCRIPTION**
- UTILITY MENU PROCEDURES (Cont.)
  - FILE MANAGEMENT MENU PROCEDURES (Cont.)
  - REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

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SECTION 2  
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SECTION 3  
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PROCEDURES

**File Name Request Screen.**

Enables user to enter name of any ancillary file that is to be removed.

File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to field asking for name of file to be removed.

User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.

**DISPLAY**

MISSION PLANNING  
DD MMMM YYYY HH:MM  
Remove Random File From Anc Dir.

Enter File Name To Be Removed:

**PROCEDURE**

- Enter name of file to be removed:  
--Type (file name).  
--Press <RETURN>.
- If conditions are satisfied, requested file is removed from ancillary directory. Observe, file removed screen appears.

OR

- If file does not exist or file name is typed wrong, error advisory appears. Observe, file does not exist advisory appears.

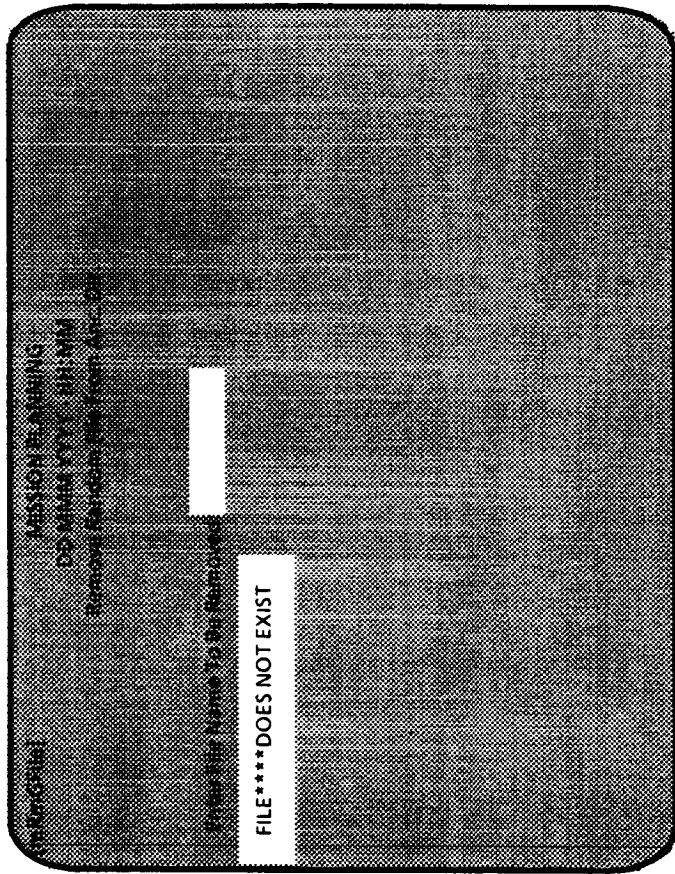
**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- **REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)**

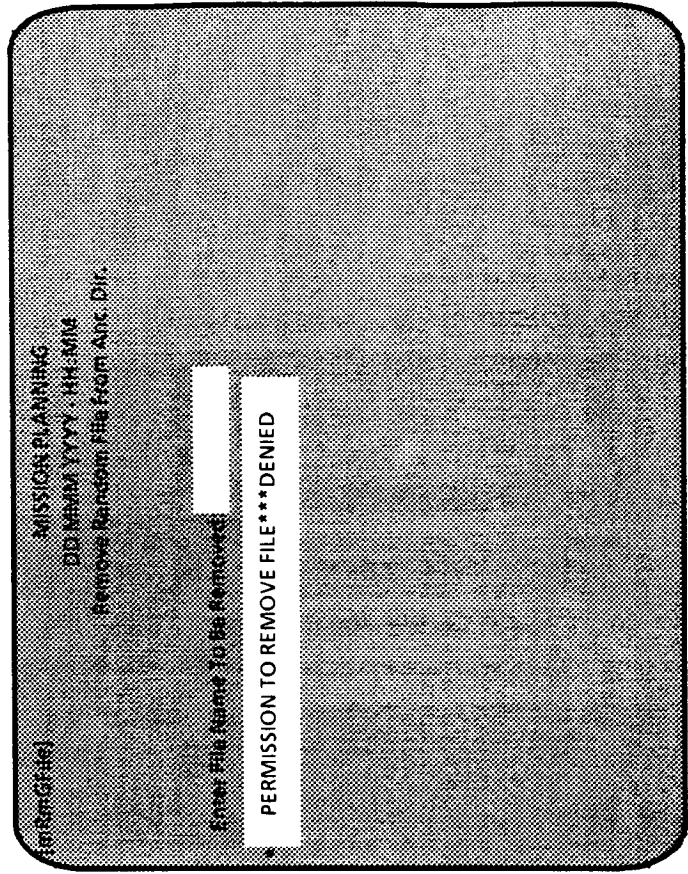
File Does Not Exist Advisory.

File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to the field asking for name of file to be removed.

Retype name of file or press <CTRL> + <U> to return to main menu.

**DISPLAY**
**CHAPTER 6  
MP  
PROCEDURES**
**SECTION 1  
GSFC USER  
PROCEDURES**
**SECTION 2  
TESTING USER  
PROCEDURES**
**SECTION 3  
DFE USER  
PROCEDURES**
**PROCEDURE****OR**

- Reenter name of file to be removed:  
--Type (file name).  
--Press <RETURN>.
- If conditions are satisfied, requested file is removed from ancillary directory. Observe file removed screen appears.
- If user does not have proper level of clearance, permission denied advisory appears.
- If file does not exist, return to main menu:  
--Press <CTRL> + <U>.

DESCRIPTION	DISPLAY
<p>CHAPTER 6 MP PROCEDURES</p>	
<ul style="list-style-type: none"> <li>● UTILITY MENU PROCEDURES (Cont.)</li> <li>● FILE MANAGEMENT MENU PROCEDURES (Cont.)</li> </ul>	
<ul style="list-style-type: none"> <li>● REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)</li> </ul>	
<p>Permission Denied Advisory.</p> <p>User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.</p> <p>(User cannot remove databases, support files, etc. from this screen.)</p> <p>User must return to main menu at this point by pressing &lt;CTRL&gt; + &lt;U&gt;.</p>	

## PROCEDURE

- Return to main menu:  
-- Press <CTRL> + <U>.

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- **REMOVE RANDOM FILE FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)**

File Removed Screen.

Confirms that requested file has been removed.

To return to file management menu, press <RETURN>.

## DISPLAY

[mRmGFile]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
Remove Random File From Anc. Dir.

FILE FOR FLIGHT xx-x

FILE REMOVED FROM ANCILLARY DIRECTORY

Hit Return To Continue

## CHAPTER 6 MP PROCEDURES

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GSFC USER  
PROCEDURES

SECTION 2  
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SECTION 3  
DPE USER  
PROCEDURES

## PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe, file management menu appears on screen.

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PROCEDURES

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
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SECTION 3  
DFE USER  
PROCEDURES

MOVE ANCILLARY SUPPORT FILES PROCEDURE

# DESCRIPTION

## DISPLAY

### CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

#### ● MOVE ANCILLARY SUPPORT FILES PROCEDURE

Select Move Ancillary Support Files.

SECTION 1  
GSPC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

[filegmt]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

## PROCEDURE

- To select, move ancillary support files:  
--Type 5.  
--Press <RETURN>.
- Observe that file information screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

File Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:) associated with selection category.

**DISPLAY**

1mCpGsfSF] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Move Ancillary Support Files

1. Flight Identification  
: :
2. Stream Type  
o [R ] Real Time  
o [P ] Play Back  
o [S ] Sim  
o [T ] Test
3. Version Code  
: o Version [ A-Z ]

**CHAPTER 6  
MP  
PROCEDURES**

SECTION 1  
GSFC USER  
PROCEDURES

SECTION 2  
TESTING USER  
PROCEDURES

SECTION 3  
DFE USER  
PROCEDURES

**PROCEDURE**

- Enter flight Id for desired database:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that password entry screen or file already exists screen appears.

CHAPTER 6 MP PROCEDURES	DESCRIPTION
SECTION 1 GSFC USER PROCEDURES	<ul style="list-style-type: none"> <li>UTILITY MENU PROCEDURES (Cont.)</li> </ul>
SECTION 2 TESTING USER PROCEDURES	<ul style="list-style-type: none"> <li>FILE MANAGEMENT MENU PROCEDURES (Cont.)</li> <li>MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)</li> </ul>
SECTION 3 DDE USER PROCEDURES	<p>File Already Exists Screen.</p> <p>Warns the user that file already exists and provides a yes or no option to write over existing file. Yes option initiates a sequence of password and file transfer screens.</p> <p>Choosing 'no' option sends user back to main menu screen.</p>

## DISPLAY

MISSION PLANNING  
DD MMYY  
Move Ancillary Support Files

GSFC DATA BASE FOR FLIGHT 101: MK-3 DATA STREAM: MK-3 VERSION: 1.0

GSFC SUPPORT FILE SET ALREADY EXISTS IN THE SUPPORT FILE DIRECTORY  
DO YOU WANT TO OVERWRITE THE FILES ('y' or 'n')?

## PROCEDURE

- Enter yes (y) option:
  - Type y.
  - Press <RETURN>.
- Observe that password entry screen and appropriate support file transfer screens appear in sequence.

## OR

- Enter no (n) option:
  - Type n.
  - Press <RETURN>.
- Observe ancillary products menu appears.



DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

Password Entry Screen.

User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.

If password is accepted, appropriate calibrated, MSID, or telemetry support file transfer screen appears followed by a support file transferred screen.

PROCEDURE

- Enter password:
  - Type (password).
  - Press <RETURN>.
- Observe that calibrated, MSID, or telemetry support file transfer screen appears.

OR

- If password is invalid, error advisory appears. Observe, password invalid advisory screen appears.

DISPLAY

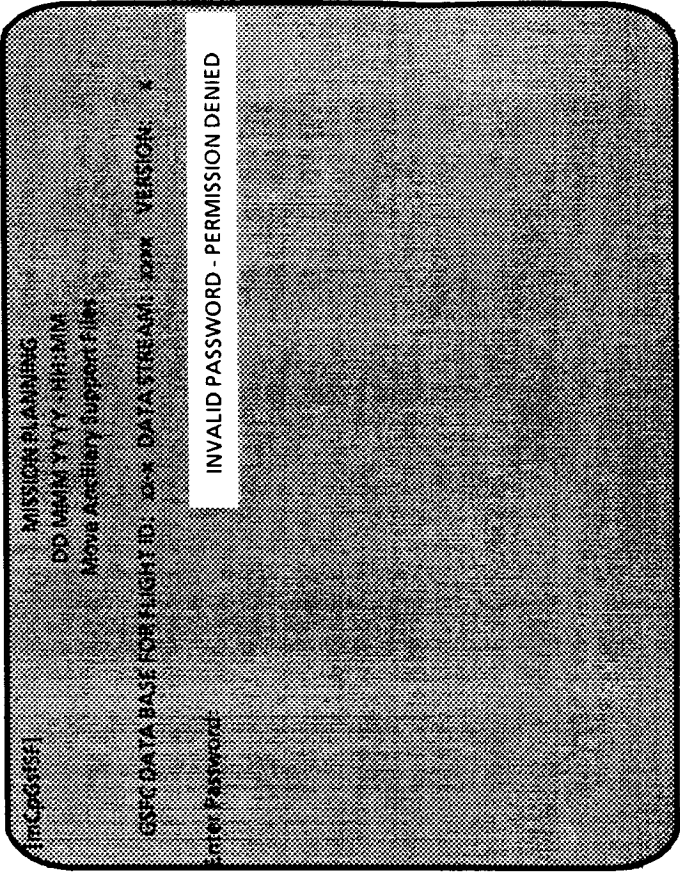
[mCpGsfF]	MISSION PLANNING DD MMM YYYY - HH:MM Move Ancillary Support Files	
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:		
Enter Password:		

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SECTION 1 GSFC USER PROCEDURES	<ul style="list-style-type: none"> <li>UTILITY MENU PROCEDURES (Cont.)</li> <li>FILE MANAGEMENT MENU PROCEDURES (Cont.)</li> <li>MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)</li> </ul>	
SECTION 2 TESTING USER PROCEDURES	<p>Password Invalid Advisory Screen.</p> <p>User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.</p> <p>Only way to return to ancillary products menu from this screen is to press &lt;CTRL&gt; + &lt;U&gt;.</p>	
SECTION 3 DDE USER PROCEDURES		

## PROCEDURE

- Return to ancillary products menu:  
--Press <CTRL> + <U>.
- Observe that ancillary products menu appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

Calibrated Support File Transfer Screen.

Appears while support file is being transferred.

When support file has been successfully transferred, support file transferred screen appears.

DISPLAY

[mCpGsfsf]	MISSION PLANNING DD MMM YYYY - HH:MM Move Ancillary Support Files	
GSFC DATA BASE FOR FLIGHT ID: NN-A		DATA STREAM: VERSION:
Transferring Cal Support File		

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PROCEDURE

- Observe that support file transferred screen appears.

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

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MSID Support File Transfer Screen.

Appears while support file is being transferred.

When support file has been successfully transferred, support file transferred screen appears.

DISPLAY

[mCpGsfSF]	MISSION PLANNING DD MMM YYYY - HH:MM Move Ancillary Support Files
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
Transferring MSID Support File	

PROCEDURE

- Observe that support file transferred screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

Telemetry support File Transfer Screen.

Appears while support file is being transferred.

When support file has been successfully transferred, support file transferred screen appears.

PROCEDURE

- Observe that support file transferred screen appears.

DISPLAY

[mCpGstSF]	MISSION PLANNING DD MMM YYYY - HH:MM Move Ancillary Support Files
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
Transferring TLM Support File	

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)

- FILE MANAGEMENT MENU PROCEDURES (Cont.)

- MOVE ANCILLARY SUPPORT FILES PROCEDURE (Cont.)

Support File Transferred Screen.

Appears when support file has been successfully transferred.

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DISPLAY

[mCpGsfsf]	MISSION PLANNING DD MMM YYYY - HH:MM Move Ancillary Support Files
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
SUPPORT FILE SET TRANSFERRED SUCCESSFULLY	
Hit Return To Continue	

PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe that file management menu appears.

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**REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE**

## DESCRIPTION

### CHAPTER 6 MP PROCEDURES

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)

- REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE

Select Remove Support Files From Ancillary Directory.

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## DISPLAY

[filemgmt]

MISSION PLANNING  
DD MMMM YYYY - HH:MM  
File Management Menu

- 1 List SDT Data Base Directory
- 2 Remove Random File From SDT Dir
- 3 List a Selection Data Base Directory
- 4 Remove Random File From Anc. Dir
- 5 Move Ancillary Support Files
- 6 Remove Support File From Anc. Dir.
- 7 Remove a Selection Data Base
- 8 List Support File Directory
- 9 List Planning Directory
- 10 Remove a Planning File

SELECTION:

## PROCEDURE

- To select, remove support files from ancillary directory:
  - Type 6.
  - Press <RETURN>.
- Observe that file information screen appears.



**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

File Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

**PROCEDURE**

- Enter flight Id for desired database:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that password request screen appears.

**DISPLAY**

```
(mRmGsfSF)      MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  Remove Support Files From Anc. Dir.

                  1. Flight Identification
                  2. Stream Type
                     o Play Back [P]
                     o Real Time [R]
                     o Sim [S]
                     o Test [T]
                  3. Version Code
                     o Version [A-Z]
```

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**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

Password Request Screen.

User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.

If password is accepted, calibrated, MSID, or telemetry support file screen appears.

**DISPLAY**

[mRmGsf5F] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Remove Support Files From Anc. Dir.  
GSFC DATA BASE FOR FLIGHT ID: xx-x DATA STREAM: xxxx VERSION: x  
Enter Password:

**PROCEDURE**

- Enter password:  
--Type (password).  
--Press <RETURN>.
- Observe that calibrated, MSID, or telemetry support file removed screen appears.
- If password is invalid, error advisory appears.  
Observe, password invalid advisory screen appears.

OR

**DESCRIPTION**

- **UTILITY MENU PROCEDURES (Cont.)**
- **FILE MANAGEMENT MENU PROCEDURES (Cont.)**
- **REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)**

**Password Invalid Advisory Screen.**

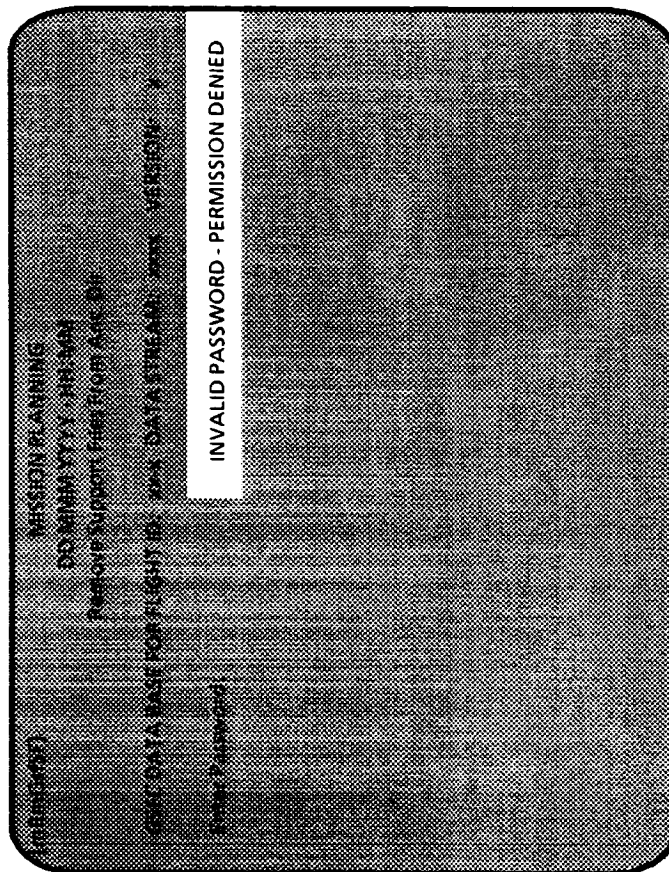
**User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.**

**Only way to return to file management menu from this screen is to press <CTRL> + <U>.**

## PROCEDURE

- **Return to file management menu:**  
--Press <CTRL> + <U>.
- **Observe that file management menu appears.**

# DISPLAY



INVALID PASSWORD - PERMISSION DENIED

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**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

Support File Removed Screen.

Appearance of this screen indicates that all requested files were present and have been removed.

If any requested files did not exist or were previously removed, this fact is reported on support file removed screen.

**DISPLAY**

[mRmGsfSF]	MISSION PLANNING DD MMM YYYY - HH:MM Remove Support Files From Anc. Dir.
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:	
MSID SUPPORT FILE REMOVED CAL SUPPORT FILE REMOVED TLM SUPPORT FILE REMOVED	

**PROCEDURE**

- Return to file management menu:  
--Press <RETURN>.
- Observe that file management menu screen appears.

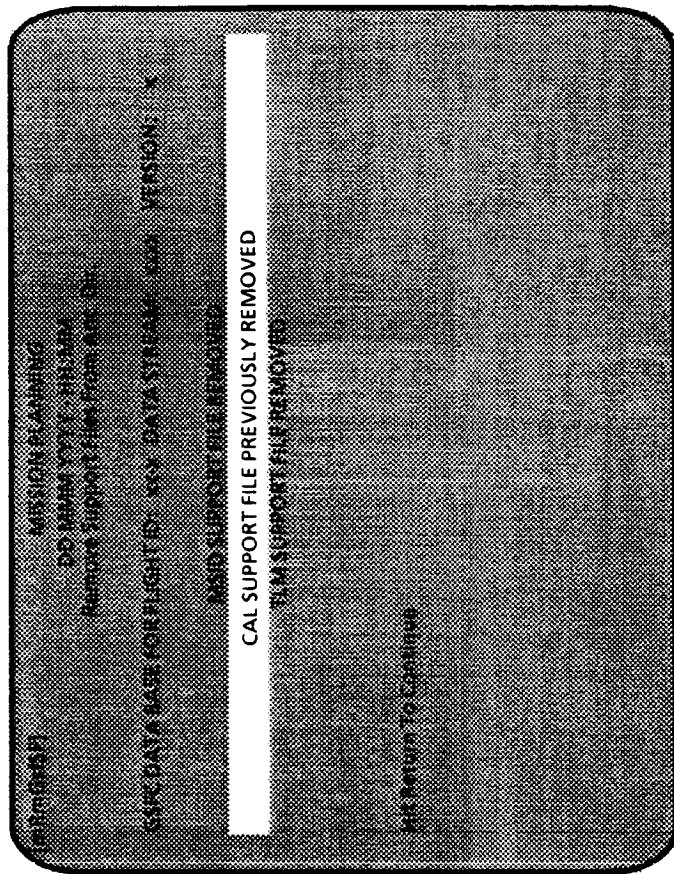
**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE SUPPORT FILES FROM ANCILLARY DIRECTORY PROCEDURE (Cont.)

**Support File Removed Error Screen.**

Appearance of this screen indicates that one or more requested files did not exist or were previously removed.

All existing support files are removed regardless of missing or deleted support files.

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**PROCEDURE**

- Return to file management menu:  
-- Press <RETURN>.
- Observe that file management menu screen appears.

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**REMOVE A SELECTION DATABASE PROCEDURE**

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE

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Select Remove A Selection Database.

DISPLAY

(filemgmt) MISSION PLANNING  
DD MMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

PROCEDURE

- To select, remove a selection database:
  - Type I.
  - Press <RETURN>.
- Observe that database information screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

Databaser Information Screen.

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

**PROCEDURE**

- Enter flight Id for desired database:
  - Type (appropriate flight Id).
  - Press <RETURN>.
- Observe that password request screen appears.

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(mRmGSFC)

MISSION PLANNING

DD MMM YYYY - HH:MM

Remove a Selection Database

1. Flight Identification

2. Stream Type

3. Version Code

o Play Back [P]

o Real Time [R]

o Sim [S]

o Test [T]

o Version [A-Z]



# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

Password Request Screen.

User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.

If password is accepted, appropriate calibrated, MSID, or telemetry support file transfer screen appears followed by a support file transferred screen.

## DISPLAY

(mRmGSFC)	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Selection Database
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:	
Enter Password:	

## PROCEDURE

- Enter password:  
--Type (password).  
--Press <RETURN>.
- Observe that calibrated, MSID, or telemetry support file transfer screen appears.

OR

- If password is invalid, error advisory appears.  
Observe, password invalid advisory screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

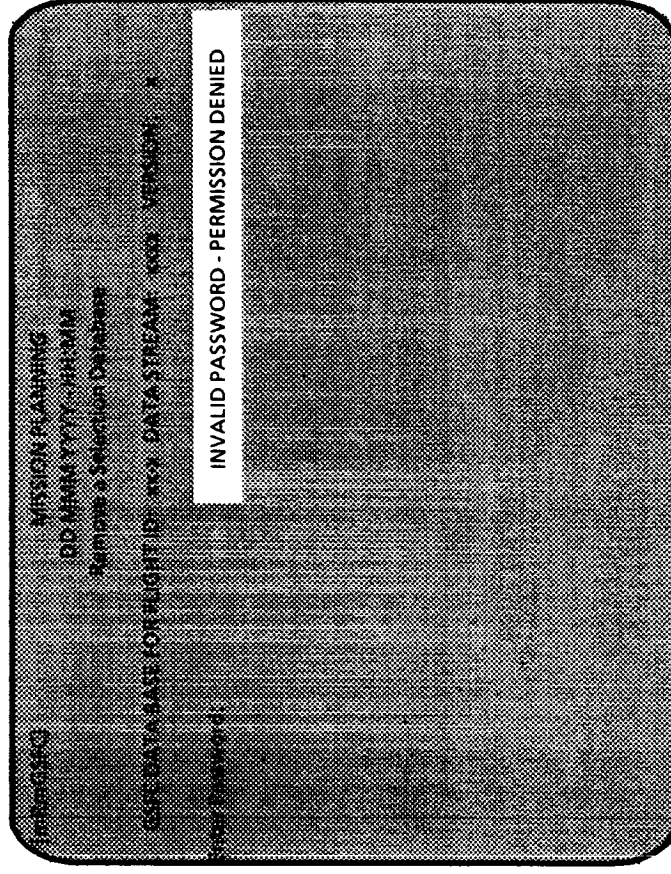
**Password Invalid Advisory Screen.**

User must have appropriate clearance to remove requested file or screen will return an advisory that password is invalid and permission to remove file is denied.

Only way to return to file management menu from this screen is to press <CTRL> + <U>.

**PROCEDURE**

- Return to file management menu:  
-- Press <CTRL> + <U>.
- Observe that file management menu appears.

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- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

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Removing Database Screen.

Appears during time database is being removed. Screen automatically changes to database removed screen when operation is complete.

DISPLAY

[mRmGSFC]	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Selection Database
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:	
Remove Data Base	

PROCEDURE

- Observe that database removed screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

Database Removed Screen.  
Appears when operation of removing database is complete.

DISPLAY

[mRmGSFC]	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Selection Database
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
Data Base Removed	
Hit Return To Continue	

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PROCEDURE

- To return to file management menu:  
--Press <RETURN>.  
--Observe file management menu appears.

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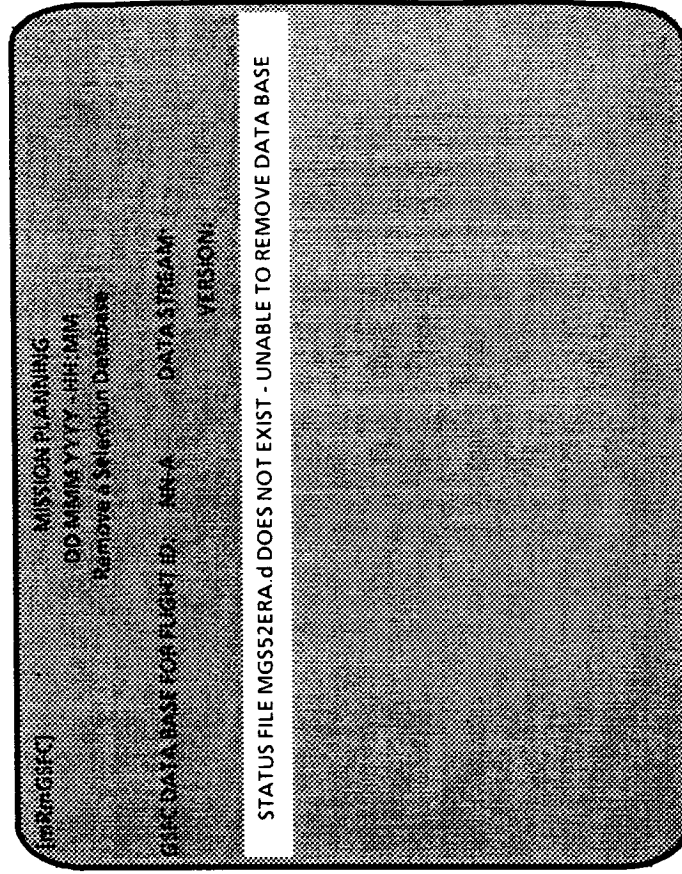
**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A SELECTION DATABASE PROCEDURE (Cont.)

Unable to Remove Database Screen.

Appears when database cannot be removed due to a file error or database does not exist.

**DISPLAY**



**PROCEDURE**

- To return to file management menu:
  - Press <RETURN>.
  - Observe file management menu appears.

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**LIST SUPPORT FILE DIRECTORY PROCEDURE**

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**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)

- FILE MANAGEMENT MENU PROCEDURES (Cont.)

- LIST SUPPORT FILE DIRECTORY PROCEDURE

Select List Support File Directory.

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**DISPLAY**

```
(filegmt)                                MISSION PLANNING
                                         DD MMMM YYYY - HH:MM
                                         File Management Menu

1. List SDT Data Base Directory          9. List Planning Directory
2. Remove Random File From SDT Dir      10. Remove a Planning File
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory

SELECTION:
```

**PROCEDURE**

- To select, list support file directory:  
--Type g.  
--Press <RETURN>.
- Observe that directory listing screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST SUPPORT FILE DIRECTORY PROCEDURE (Cont.)

Directory Listing Screen.

DISPLAY

[msfList]	MISSION PLANNING		
	DD MMM YYYY - HH:MM		
	List Support File Directory		
DIRECTORY LISTING			
<u>DIRECTORY ENTRY</u>	<u>ENTRY TYPE</u>	<u>SIZE (IN BYTES)</u>	<u>DATE OF LAST MODIFICATION</u>
MGM61ETA.d	file	25600	01/16/86
MGC61ETA.d	file	16100	01/16/86
MGT61ETA.d	file	113307	01/16/86
Hit Return For Next Page			

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PROCEDURE

- To continue to next page:  
--Press <RETURN>.
- To return to file management menu:  
--Press <CTRL> + <U>.
- Observe that next page of directory appears on screen.
- Observe that file management menu appears on screen.



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**LIST PLANNING DIRECTORY PROCEDURE**

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- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST PLANNING DIRECTORY PROCEDURE  
Select List Planning Directory.

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DISPLAY

[filemgmt] MISSION PLANNING  
DD MMMM YYYY - HH:MM  
File Management Menu

1. List SDT Data Base Directory
2. Remove Random File From SDT Dir
3. List a Selection Data Base Directory
4. Remove Random File From Anc. Dir.
5. Move Ancillary Support Files
6. Remove Support File From Anc. Dir.
7. Remove a Selection Data Base
8. List Support File Directory
9. List Planning Directory
10. Remove a Planning File

SELECTION:

PROCEDURE

- To select, list planning directory:
  - Type 9.
  - Press <RETURN>.
- Observe that directory listing appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- LIST PLANNING DIRECTORY PROCEDURE (Cont.)

Directory Listing.

DISPLAY

[mPlanLst]	MISSION PLANNING DD MMM YYYY - HH:MM List Planning Directory		
DIRECTORY LISTING			
DIRECTORY ENTRY	ENTRY TYPE	SIZE (IN BYTES)	DATE OF LAST MODIFICATION
MGP61ETA.d	file	3045	01/17/86
Hit Return For Next Page			

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PROCEDURE

- To continue to next page of directory:  
--Press <RETURN>.
- To return to file management menu:  
--Press <CTRL> + <U>.
- Observe that next page of directory appears on screen.
- Observe that file management menu appears on screen.

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**REMOVE A PLANNING FILE PROCEDURE**

- DESCRIPTION**
- UTILITY MENU PROCEDURES (Cont.)
  - FILE MANAGEMENT MENU PROCEDURES (Cont.)
  - REMOVE A PLANNING FILE PROCEDURE
- Select Remove A Planning File.

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**DISPLAY**

(filegmt)	MISSION PLANNING DD MMM YYYY - HH:MM File Management Menu
-----------	---

1. List SDT Data Base Directory	9. List Planning Directory
2. Remove Random File From SDT Dir	10. Remove a Planning File
3. List a Selection Data Base Directory	
4. Remove Random File From Anc. Dir.	
5. Move Ancillary Support Files	
6. Remove Support File From Anc. Dir.	
7. Remove a Selection Data Base	
8. List Support File Directory	

SELECTION:

**PROCEDURE**

- To select, remove a planning file:  
--Type 10.  
--Press <RETURN>.
- Observe that file information screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A PLANNING FILE PROCEDURE (Cont.)

**File Information Screen.**

Provides template for user to enter flight identification number, type of data stream, and version code.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

Pressing <RETURN> initiates the removal of support file set.

**PROCEDURE**

- Enter flight Id for desired database:  
--Type (appropriate flight Id).  
--Press <RETURN>.
- Observe that planning file name request screen appears.

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[mRmPlan] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Remove a Planning File

1. Flight Identification :
2. Stream Type :
  - o Play Back [P]
  - o Real Time [R]
  - o Sim [S]
  - o Test [T]
3. Version Code :
  - o Version [A-Z]

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- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A PLANNING FILE PROCEDURE (Cont.)

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Planning File Name Request Screen.

DISPLAY

[mRmPlan]	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Planning File
GSFC DATA BASE FOR FLIGHT ID: NN-A	DATA STREAM: VERSION:
Enter Planning File Name (Hit Return for default Name):	
Hit Return To Continue	

PROCEDURE

- To initiate planning file removal:  
--Press <RETURN>.
- Observe planning file removed screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- FILE MANAGEMENT MENU PROCEDURES (Cont.)
- REMOVE A PLANNING FILE PROCEDURE (Cont.)

Planning File Removed Screen.

DISPLAY

[mRmPlan]	MISSION PLANNING DD MMM YYYY - HH:MM Remove a Planning File	
GSFC DATA BASE FOR FLIGHT ID: NN-A DATA STREAM: VERSION:		
PLANNING FILE REMOVED		
Hit Return To Continue		

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PROCEDURE

- To return to file management menu:  
--Press <RETURN>.
- Observe that file management menu appears.



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**VIEW ANCILLARY SUPPORT FILE PROCEDURES**

## CHAPTER 6 MP PROCEDURES

## DISPLAY

### ● UTILITY MENU PROCEDURES (Cont.)

### ● VIEW ANCILLARY SUPPORT FILE PROCEDURES

Select View Ancillary Support Files.

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[utils] MISSION PLANNING  
DD MMM YYYY - HH:MM  
Utility Menu

1. View SDT/TDT Data Base Menu
2. File Management Menu
3. View Ancillary Support Files
4. View NDD Support Files

SELECTION:

## PROCEDURE

- To select, view ancillary support file flight information screen:  
--Type 3.  
--Press <RETURN>.
- Observe that file information screen appears.
- To return to mission planning main menu:  
--Press <CTRL> + <U>.

**DESCRIPTION**

- **UTILITY MENU PROCEDURES (Cont.)**
- **VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)**

**File Information Screen.**

Provides template for user to enter flight identification number, type of file, type of data stream, version code, and type of report.

Except for flight identification number, all selections are entered by typing applicable letter, contained in brackets [ ], after colon (:), associated with selection category.

**DISPLAY**

[mgsfcpio]

```

MISSION PLANNING
DD MMM YYYY - HH:MM
View Ancillary Support File

1. Flight Identification      :
2. File Type                :
   o [M] MSID
   o [C] Calibration File
   o [T] Telemetry
3. Stream Type              :
   o PlayBack [P]
   o Real Time [R]
   o Sim [S]
   o Test [T]
4. Version Code             :
   o Version [A-Z]
5. Report Type              :
   o [S] Screen
   o [P] Printer

```

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- Enter flt ID number of database:
  - Type P, R, S, or I.
  - Press <RETURN>.
- Enter version code:
  - Type (any letter A to Z).
  - Press <RETURN>.
- Enter report type:
  - Type S or P.
  - Press <RETURN>.

- Enter stream type:

- Type P, R, S, or I.
- Press <RETURN>.

- Enter version code:

- Type (any letter A to Z).
- Press <RETURN>.

- Enter report type:

- Type S or P.
- Press <RETURN>.

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**VIEWING MSID FILE TYPE PROCEDURE**

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

MSID Header Screen.

Header information lists tape data and total number of MSID for that file. (ex. Total MSID's : 22)

DISPLAY

EXAMPLE HEADER INFORMATION FOR MSID FILE

[mgsfcpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

CAS File Name : MGM00TTW.d  
SDT Tape Number : SDT511-1  
Tape Creation Date : 08/30/85  
Software Release Id : 511F0  
Flight Number : 511

File Creation Date : 10/17/85  
Total MSID's : 22  
Processing Entry Size : 125  
Transfer Check Sum :  
Destination Code : 226

Hit Any Key to Continue

PROCEDURE

- To view entries for selected file:  
--Press <Any Key> OR Press <RETURN>.
- Observe that entry screen for selected file appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)
- MSID Entry Screen.
- Name of MSID currently displayed is shown in MSID Name field.
- Each MSID is assigned an index number which is displayed in Process Index field.

DISPLAY

EXAMPLE ENTRY SCREEN FOR MSID FILE

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[mgsfcpl0]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

MSID Name	:	Process Index
MSID Nomenclature	:	Output Data Type
Cal/No Cal Flag	:	Raw Decom Put
Calibration Index	:	Put Rel. Start Byte
MSID Start Bit	:	Max Output Rate
Data Length	:	Actual Output Rate
Data Range Units	:	Put Sample Delta
Data Range Low	:	TLM Formats/MSID
Data Range High	:	

Enter Choice [N]ext, [P]rev, [#] Number, [Q]uit

PROCEDURE

- (None).

# DESCRIPTION

## DISPLAY

EXAMPLE ENTRY SCREEN FOR MSID FILE

- UTILITY MENU PROCEDURES (Cont.)

- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Next Command.

[N]ext command, displays next MSID (by process index number order).

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[mgsfcpiol]

#### MISSION PLANNING

DD MMM YYYY - HH:MM  
View Ancillary Support File

MSID Name	: V75W3504D	Process Index	: 1
MSID Nomenclature	: MTU-PCM VOTED GMT TOTAL TIME		
Cal/No Cal Flag	: 0	Output Data Type	: EMD
Calibration Index	: 0	Raw Decom Put	: 1
MSID Start Bit	: 0	Put Rel. Start Byte	: 1
Data Length	: 48	Max Output Rate	: 5
Data Range Units	: D/H/M/S	Actual Output Rate	: 1
Data Range Low	: 0	Put Sample Delta	: 6
Data Range High	: 0	TLM Formats/MSID	: 33

Enter Choice [N]ext, [P]rev, [#]Number, [Q]uit

## PROCEDURE

- If no more MSID exist for that file, observe following prompt appears:

- To display next MSID:  
--Type N.

NO MORE RECORDS -->

- Observe MSID and index number changes.

- To continue:

--Press <RETURN>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)
- Previous Command.
- [P]rev, command, displays previous MSID (by process index number order).

DISPLAY

EXAMPLE PARAMETER DATA FOR MSID FILE

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[imgstcpio]

MISSION PLANNING

DD MMM YYYY - HH:MM  
View Ancillary Support File

MSID Name	: V67V0001T	Process Index	: 2
MSID Nomenclature	: MB1		
Cal/No Cal Flag	: 1	Output Data Type	: AMU
Calibration Index	: 1	Raw Decom Put	: 7
MSID Start Bit	: 0	Put Rel. Start Byte	: 7
Data Length	: 8	Max Output Rate	: 100
Data Range Units	: VDC	Actual Output Rate	: 100
Data Range Low	: 0	Put Sample Delta	: 4
Data Range High	: + 5	TLM Formats/MSID	: 1

Enter Choice [N]ext, [P]rev, [I#] Number, [Q]uit

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PROCEDURE

- To display previous MSID:  
--Type P.
- Observe MSID and index number changes.
- If no more MSID exist for that file, observe following prompt appears:  

NO MORE RECORDS    →→
- To continue:  
--Press <RETURN>.



DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Number Command.

[#] Number command displays a specified MSID (by process index number order).

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DISPLAY

EXAMPLE PARAMETER DATA FOR MSID FILE

[mgsfcpiol]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

MSID Name	: V75W3504D	Process Index	: 1
MSID Nomenclature	: MTU-PCM VOTED GMT TOTAL TIME		
Cal/No Cal Flag	: 0	Output Data Type	: EMID
Calibration Index	: 0	Raw Decom Put	: 1
MSID Start Bit	: 0	Put Rel. Start Byte	: 1
Data Length	: 48	Max Output Rate	: 5
Data Range Units	: D/H/M/S	Actual Output Rate	: 1
Data Range Low	: 0	Put Sample Delta	: 6
Data Range High	: 0	TLM Formats/MSID	: 33

Enter Number 22

PROCEDURE

- To display a specific MSID:  
--Type #.
- Observe number prompt appears:  
Enter Number
- Observe specified MSID appears.
- If MSID does not exist, for that file, observe following prompt appears:  
RECORD DOES NOT EXIST -->
- To continue:  
--Press <RETURN>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Quit Command.

[Q]uit command returns user to ancillary products menu.

DISPLAY

EXAMPLE PARAMETER DATA FOR MSID FILE

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[mgsfcpio]

MISSION PLANNING

DD MMM YYYY - HH:MM  
View Ancillary Support File

MSID Name	: V98H1249C	Process Index	: 22
MSID Nomenclature	: BODY WRT INERTIAL Q WD 2 BFS		
Cal/No Cal Flag	: 0	Output Data Type	: HPL
Calibration Index	: 0	Raw Decom Put	: 2020
MSID Start Bit	: 0	Put Rel. Start Byte	: 2020
Data Length	: 16	Max Output Rate	: 2
Data Range Units	: ND	Actual Output Rate	: 1
Data Range Low	: NONE	Put Sample Delta	: 2
Data Range High	: NONE	TLM Formats/MSID	: 1

Enter Choice [N]ext, [P]rev, [#] Number, [Q]uit

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PROCEDURE

- To quit viewing ancillary support file:  
--Type Q.
- Observe ancillary products menu appears.

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**VIEWING CALIBRATION FILE TYPE PROCEDURE**

DESCRIPTION

DISPLAY

EXAMPLE HEADER INFORMATION FOR CALIBRATION FILE

- UTILITY MENU PROCEDURES (Cont.)

- **VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)**

Calibration Header Screen.

Header information lists tape data and total number of entries (records) for that file. (ex. Total Entries: 1)

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[mgsfcpiol] MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File  
  
CAS File Name : MGC00TTW.d File Creation Date : 10/17/85  
SDT Tape Number : SDT511-1 Total Entries : 1  
Tape Creation Date : 08/30/85 Transfer Check Sum :  
Software Release Id : 511F0 Destination Code : 226  
Flight Number : 511

Hit Any Key to Continue

PROCEDURE

- To view records of selected file:
  - Press <Any Key> OR Press <RETURN>.
- Observe that record screen for selected file appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Calibration Entry Screen.

A record in a calibration file can contain up to 2000 calibration parameters. Each record is assigned an index number which is displayed in Calibration Index field.

DISPLAY      EXAMPLE RECORD SCREEN FOR CALIBRATION FILE

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[mgsfcpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Low Independent Value : Calibration Index :  
HI Independent Value : Cal Curve ID :  
Ind. Variable Units : Cal Curve Degree :  
Trans. Cal Range Lo : Poly - A0 :  
Trans. Cal Range Hi : Poly - A1 :  
Cal Low Data Point : Poly - A2 :  
Cal High Data Point : Poly - A3 :  
Cal Tolerance : Poly - A4 :  
Cal # of Sets : Poly - A5 :

Enter Choice [N]ext, [P]rev, [#] Number, [Q]uit

PROCEDURE

- (None).

# DESCRIPTION

## DISPLAY

EXAMPLE PARAMETER DATA FOR CALIBRATION FILE

- UTILITY MENU PROCEDURES (Cont.)

- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Next Command.

[N]ext command, displays next record (in calibration index number order).

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[mgsfcpio] MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Low Independent Value	: 0	Calibration Index	: 1
HI Independent Value	: 250	Cal Curve ID	: N0706
Ind. Variable Units	: CNTS	Cal Curve Degree	: 5
Trans. Cal Range Lo	: 0	Poly - A0	: 1.0000000E-01
Trans. Cal Range Hi	: 0	Poly - A1	: 1.3207989E-02
Cal Low Data Point	:	Poly - A2	: -4.5428464E-04
Cal High Data Point	:	Poly - A3	: 7.4219042E-06
Cal Tolerance	: 0.000000	Poly - A4	: -4.4958308E-08
Cal # of Sets	: 1	Poly - A5	: 1.1742718E-10

Enter Choice [N]ext, [P]rev, [#] Number, [Q]uit

## PROCEDURE

- To display next record:  
--Type N.
- Observe calibration index number changes.
- If no more records exist for that file, observe following prompt appears:  
NO MORE RECORDS → →
- To continue:  
--Press <RETURN>.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)
- Previous Command.
- [P]rev, command, displays previous record (in calibration index number order).

DISPLAY

EXAMPLE PARAMETER DATA FOR CALIBRATION FILE

[mgsfcpl]

MISSION PLANNING

DD MMM YYYY - HH:MM

View Ancillary Support File

Low Independent Value : 0

Calibration Index : 1

HI Independent Value : 250

Cal Curve ID : N0706

Ind. Variable Units : CNTS

Cal Curve Degree : 5

Trans. Cal Range Lo : 0

Poly - A0 : 1.000000E-01

Trans. Cal Range Hi : 0

Poly - A1 : 1.3207989E-02

Cal Low Data Point :

Poly - A2 : -4.5428464E-04

Cal High Data Point :

Poly - A3 : 7.4219042E-06

Cal Tolerance : 0.000000

Poly - A4 : -4.4958308E-08

Cal # of Sets : 1

Poly - A5 : 1.1742718E-10

NO MORE RECORDS → →

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PROCEDURE

- To display previous record:  
--Type P.
- Observe calibration index number changes.
- If no more records exist for that file, observe following prompt appears:  
NO MORE RECORDS → →  
To continue:  
--Press <RETURN>.

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## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Number Command.

[#] Number command displays a specific record (by calibration index number).

## DISPLAY

EXAMPLE PARAMETER DATA FOR CALIBRATION FILE

```
(mgsfcpio)      MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  View Ancillary Support File

Low Independent Value : 0      Calibration Index : 1
HI Independent Value : 250     Cal Curve ID : N0706
Ind. Variable Units : CNTS     Cal Curve Degree : 5
Trans. Cal Range Lo : 0       Poly - A0 : 1.0000000E-01
Trans. Cal Range Hi : 0       Poly - A1 : 1.3207989E-02
Cal Low Data Point :          Poly - A2 : -4.5428464E-04
Cal High Data Point :          Poly - A3 : 7.4219042E-06
Cal Tolerance : 0.000000      Poly - A4 : -4.4958308E-08
Cal # of Sets : 1            Poly - A5 : 1.1742718E-10
```

NO MORE RECORDS → →

## PROCEDURE

- To display a specific record:  
--Type #.
- Observe number prompt appears:  
Enter Number  
--Type (calibration index number).
- Observe specified record appears.
- If record does not exist, observe following prompt appears:  
RECORD DOES NOT EXIST → →
- To continue:  
--Press <RETURN>.



DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)
- Quit Command.
- [Q]uit command returns user to ancillary products menu.

DISPLAY

EXAMPLE PARAMETER DATA FOR CALIBRATION FILE

[mgscpio]

MISSION PLANNING

DD MMM YYYY - HH:MM

View Ancillary Support File

Low Independent Value : 0

HI Independent Value : 250

Ind. Variable Units : CNTS

Trans. Cal Range Lo : 0

Trans. Cal Range Hi : 0

Cal Low Data Point :

Cal High Data Point :

Cal Tolerance : 0.000000

Cal # of Sets : 1

Calibration Index : 1

Cal Curve ID : N0706

Cal Curve Degree : 5

Poly - A0 : 1.0000000E-01

Poly - A1 : 1.3207989E-02

Poly - A2 : -4.5428464E-04

Poly - A3 : 7.4219042E-06

Poly - A4 : -4.4958308E-08

Poly - A5 : 1.1742718E-10

NO MORE RECORDS → →

PROCEDURE

- To quit viewing ancillary support file:  
--Type Q.
- Observe ancillary products menu appears.

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**VIEWING TELEMETRY FILE TYPE PROCEDURE**

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Header Information.

Support files are divided into header information and entry information.

Header information lists tape data and total number of entries for that file. (ex. TOTAL ENTRIES: 44)

DISPLAY

EXAMPLE HEADER INFORMATION FOR TELEMETRY FILE

[msgsfcpio]

MISSION PLANNING

DD MMM YYYY - HH:MM  
View Ancillary Support File

CAS File Name	: MGT00TTW.d	File Creation Date	: 10/17/85
SDT Tape Number	: SDT511-1	Total Entries	: 44
Tape Creation Date	: 08/30/85	Transfer Check Sum	:
Software Release Id	: 51IF0	Destination Code	: 226
Flight Number	: 511		

Hit Any Key to Continue

PROCEDURE

- To view entries for selected file:
  - Press <Any Key> OR Press <RETURN>.
- Observe that entry screen for selected file appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Next Command.

[N]ext command, displays next parameter entry (in process index number order).

DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

[imgsfpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 12	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 2
Parameter Get -- HBR	: 379	Process Index	: 21
Parameter Get -- LBR	: 219	Tlm Time Display	:
# of Bytes to Get	: 1	Tlm MS Halfword	:
Samples/Data Cycle	: 2	Tlm LBR Indicator	: 1
Get Sample Delta -- HBR: 0		Tlm 1st Subframe	: 0
Get Sample Delta -- LBR: 0		Tlm 1st Frame	: 5
		Tlm 1st Word	: 30

Enter Choice [N]ext, [P] rev, [#] Number, [F] Format Change

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PROCEDURE

- To display next parameter entry:  
--Type N.
- Observe process index number changes.

- If no more parameter entries exist for that file, observe following prompt appears:

NO MORE RECORDS → →

- To continue:  
--Press <RETURN>.

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Previous Command.

[P]rev, command, displays previous parameter entry (in process index number order).

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DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

```
/imgstcpio)      MISSION PLANNING
                  DD MMMM YYYY - HH:MM
                  View Ancillary Support File

Telemetry Format Id : 12      Telemetry Type : 1
Param. Entry Size : 64      Param. Entry Count : 2
Process Index : 22
Parameter Get -- HBR : 183   Tim Time Display :
Parameter Get -- LBR : 119   Tim MS Halfword :
# of Bytes to Get : 2        Tim LBR Indicator : 1
Samples/Data Cycle : 2       Tim 1st Subframe : 0
Get Sample Delta -- HBR : 0   Tim 1st Frame : 2
Get Sample Delta -- LBR : 0   Tim 1st Word : 28
```

Enter Choice [N]ext, [P]rev, [#] Number, [F] Format Change

PROCEDURE

- To display previous parameter entry:  
--Type P.
- Observe process index number changes.

- If no more parameter entries exist for that file, observe following prompt appears:

NO MORE RECORDS → →

- To continue:

--Press <RETURN>.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Number Command.

[#] Number command provides user selection of a specific parameter entry. Selection is limited to number of parameter entries (Param. Entry Count).

Selection is made as follows:

If second parameter entry is to be displayed, user types a number 2.

If fourth parameter entry is to be displayed, user types a number 4, etc.

**PROCEDURE**

- To display a specific parameter entry:  
--Type #.
- Observe number prompt appears:  
Enter Number  
--Type (number of parameter entry).

**DISPLAY**

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

[mgsfcpiol]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 12	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 2
Parameter Get -- HBR	: 379	Process Index	: 21
Parameter Get -- LBR	: 219	Tlm Time Display	:
# of Bytes to Get	: 1	Tlm MS Halfword	:
Samples/Data Cycle	: 2	Tlm LBR Indicator	: 1
Get Sample Delta -- HBR : 0		Tlm 1st Subframe	: 0
Get Sample Delta -- LBR : 0		Tlm 1st Frame	: 5
		Tlm 1st Word	: 30

Enter Choice [N]ext, [P]rev, [#] Number, [F] Format Change

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Format Chnagne Command.

[F] Format Change command provides command choices for shifting through different telemetry formats.

DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

[imgsfcpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 12	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 2
Parameter Get -- HBR	: 379	Process Index	: 21
Parameter Get -- LBR	: 219	Tim Time Display	:
# of Bytes to Get	: 1	Tim MS Halfword	:
Samples/Data Cycle	: 2	Tim LBR Indicator	: 1
Get Sample Delta -- HBR	: 0	Tim 1st Subframe	: 0
Get Sample Delta -- LBR	: 0	Tim 1st Frame	: 5
		Tim 1st Word	: 30

Enter Choice [N]ext, [P] rev, [#] Number, [F] Format Change

PROCEDURE

- To display format change commands:  
--Type F.
- Observe following command choices appears:  
Enter Choice [N]ext, [P]rev, [Q]uit

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Next Format Command.

[N] ext command displays next telemetry format (by telemetry format Id number).

After command is implemented, display reverts to parameter entry command choices. User must select format change commands again to view a previous format or go to next format.

DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

[mgsfcpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 12	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 2
Parameter Get -- HBR	: 379	Process Index	: 21
Parameter Get -- LBR	: 219	Tim Time Display	:
# of Bytes to Get	: 1	Tim MS Halfword	:
Samples/Data Cycle	: 2	Tim LBR Indicator	: 1
Get Sample Delta -- HBR: 0		Tim 1st Subframe	: 0
Get Sample Delta -- LBR: 0		Tim 1st Frame	: 5
		Tim 1st Word	: 30

Enter Choice [N]ext, [P] rev, [I]uit

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PROCEDURE

- To display next telemetry format:  
--Type N.
- Observe telemetry format Id number changes to next format Id.
- Observe command choices change to the following:  
Enter Choice [N]ext, [P] rev, [#] Number, [F] Format Change



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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

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Previous Format Command.

[P] rev command displays previous telemetry format (by telemetry format Id number).

After command is implemented, display reverts to parameter entry command choices. User must select format change commands again to view a previous format or go to next format.

DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

lmgstcpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 13	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 1
Parameter Get -- HBR	: 279	Process Index	: 21
Parameter Get -- LBR	: 150	Tim Time Display	:
# of Bytes to Get	: 1	Tim MS Halfword	:
Samples/Data Cycle	: 2	Tim LBR Indicator	: 1
Get Sample Delta -- HBR	: 0	Tim 1st Subframe	: 0
Get Sample Delta -- LBR	: 0	Tim 1st Frame	: 53
		Tim 1st Word	: 20

Enter Choice [N]ext, [P] rev, [Q]uit

PROCEDURE

- To display previous telemetry format:  
--Type P.
- Observe telemetry format Id number changes to previous format Id.
- Observe command choices change to the following:  
Enter choice [N]ext, [P]rev, [#], [F]ormat change

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW ANCILLARY SUPPORT FILE PROCEDURES (Cont.)

Quit Command.

[Q]uit command returns user to ancillary products menu.

DISPLAY

EXAMPLE PARAMETER DATA FOR TELEMETRY FILE

[mgsfcpiol]                      MISSION PLANNING  
DD MMM YYYY - HH:MM  
View Ancillary Support File

Telemetry Format Id	: 12	Telemetry Type	: 1
Param. Entry Size	: 64	Param. Entry Count	: 2
Parameter Get -- HBR	: 379	Process Index	: 21
Parameter Get -- LBR	: 219	Tim Time Display	:
# of Bytes to Get	: 1	Tim MS Halfword	:
Samples/Data Cycle	: 2	Tim LBR Indicator	: 1
Get Sample Delta -- HBR	: 0	Tim 1st Subframe	: 0
Get Sample Delta -- LBR	: 0	Tim 1st Frame	: 5
		Tim 1st Word	: 30

Enter Choice [N]ext, [P]rev, [Q]uit

PROCEDURE

- To quit viewing ancillary support file:  
--Type Q.
- Observe ancillary products menu appears.

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**VIEW NDD SUPPORT FILES PROCEDURES**

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
  - VIEW NDD SUPPORT FILES PROCEDURES
- Select View NDD Support Files.

**DISPLAY**

[utils]	MISSION PLANNING DD MMM YYYY - HH:MM Utility Menu
1. View SDT/TDT Data Base Menu 2. File Management Menu 3. View Ancillary Support Files 4. View NDD Support Files	
SELECTION:	

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- To view NDD support files:
  - Type 4.
  - Press <RETURN>.
- Observe, view NDD support files screen appears.

# CHAPTER 6 MP PROCEDURES

## DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

File Information Screen.

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SECTION 3  
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### Note:

If report is sent to printer, report does not appear on screen.

## DISPLAY

(mnddpio)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

1. Flight Identification :  
2. File Type :  
    o [O] OI File  
    o [G] GPC File  
3. Stream Type :  
    o [P] Play Back  
    o [R] Real Time  
    o [S] Sim  
    o [T] Test  
4. Version Code :  
    o Version [A-Z]  
5. Report Type :  
    o [P] Screen  
    o [R] Printer

## PROCEDURE

- Enter flt ID of NDD support file to view:  
    --Type P, R, S, or I.  
    --Press <RETURN>.
- Enter file type:  
    --Type Q or G.  
    --Press <RETURN>.
- Enter stream type:  
    --Type P, R, S, or I.  
    --Press <RETURN>.
- Enter version code:  
    --Type (any letter A to Z).  
    --Press <RETURN>.

**PROCEDURE (cont'd)**

- Enter report type:
  - To view on screen, type S.
  - Press <RETURN>.
  - For printer copy, type P.
  - Press <RETURN>.
- Observe, requested report appears on screen.

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Report Screen.

File header information of OI file type.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

CAS File Name: MNO51TRA.d    File Creation date: (date xxx)  
Tape Creation Date: xx/xx/xx    Flight Number: \*STS 51T  
TDT Number :M1O1OF00    Software release Id: 38

Please Hit Any Key to Continue. | → →

PROCEDURE

- To continue:
  - Press any key.
- Observe, fixed data screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Fixed Data Screen.

Fixed data for a typical OI file type.

DISPLAY

Imnddplol

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Bytes/Frame --HBR : 160      Sync Pattern : FAF320  
Bytes/Frame --LBR : 80      Sync Displacement : 0  
Frames/Data Cycle : 100      Sync Tolerance : 0  
Seconds/Data Cycle : 1      Check Tolerance : 0  
Output Frequency code : 103      Location Tolerance : 2  
Minor Frame Counter Loc.: 3      AGS Option : 64  
Minor Frame Sync Length : 3      Format ID Location : 4

Please Hit Any Key to Continue. ! → →

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PROCEDURE

- To continue:
  - Press any key.
- Observe, index screen appears.



DESCRIPTION

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- UTILITY MENU PROCEDURES (Cont.)
- **VIEW NDD SUPPORT FILES PROCEDURES (Cont.)**

Index Screen.

Lists active format Id and corresponding indices in file entry structure.

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DISPLAY

(mnddpio)  
MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

FORMAT ID	INDEX	FORMAT ID	INDEX
101	16	124	31
102	1	125	32
103	2	126	18
104	3	127	23
105	21	128	22
110	15	129	4
115	17	160	5
116	14	161	6
117	19	162	7
118	20	163	8
119	24	164	9
120	26	171	10
121	28	172	11
122	29	180	12
123	30	184	13
		213	25
		214	27

IPlease Hit Any Key to Continue.I → →

PROCEDURE

- To continue:  
--Press any key.
- Observe, format information screen appears.

**DESCRIPTION**

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

**Format Information Screen.**

Format information for a typical OI format.  
(This example is for OI format number 102).

Each format is a variable number of windows.  
(This example has three windows.)

Next, previous, and window number  
commands allow user to shift through  
different windows.

**DISPLAY**

[mnddpio] MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

OI Format Number : 102	Format index : 1	OIMTUFRM : 0
Low Bit Rate Flag : 1	TCLKFRM : 31	OIMTUBYT : 6
Bytes / Frame : 40	TCLKBYT : 6	OIMTULEN : 6
Number of Windows : 3	TCLKLEN : 2	
	TCLKSHFT : 2	

Window Number : 0	Window Data Type : 0
Start Byte : 0	PDI Window Number: 0
Window Size : 40	Max Frame Size : 160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

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**PROCEDURE**

- To go to next window:  
--Type N.
- Observe, next window appears on screen.

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- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

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DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Window Number : 1      Window Data Type : 1  
Start Byte : 40      PDI Window Number: 0  
Window Size : 32      Max Frame Size : 128

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

PROCEDURE

- To go to previous window:  
--Type P.
- Observe, previous window appears on screen.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Select a Specific Window.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

OiFormat Number : 102

Low Bit Rate Flag : 1

Bytes / Frame : 40

Number of Windows : 3

Format index : 1

TCLKFRM : 31

TCLKBYT : 6

TCLKLEN : 2

TCLKSHFT : 2

OIMTUFRM : 0

OIMTUBYT : 6

OIMTULEN : 6

Window Number : 0

Start Byte : 0

Window Size : 40

Window Data Type : 0

PDI Window Number: 0

Max Frame Size :160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

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PROCEDURE

- To select a specific window:
  - Press <W>.
- Observe following prompt appears:
  - Enter window number [0-2]
  - Type (window number).

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Format Change.

DISPLAY

[mddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

OI Format Number : 102      Format index : 1      OIMTUFRM : 0  
Low Bit Rate Flag : 1      TCLKFRM : 31      OIMTUBYT : 6  
Bytes /Frame : 40      TCLKBYT : 6      OIMTULEN : 6  
Number of Windows : 3      TCLKLEN : 2  
TCLKSHFT : 2

Window Number : 0      Window Data Type : 0  
Start Byte : 0      PDI Window Number: 0  
Window Size : 40      Max Frame Size : 160

Enter Choice [N]ext, [P]rev, [W]indow Number,  
[F]ormat Change

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PROCEDURE

- To change format:  
--Press <F>.

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DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Next, Previous and Specific Format Id Command.

Next, previous, format Id, index screen, and quit commands apply to changing format Id displayed.

Note:

User can quit view NDD support files only when this command choice appears.

Next and previous commands find format Id in order of their indices.

DISPLAY

[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

Enter Choice [N]ext, [P]rev, [F]ormat Id,  
[I]ndex screen, [Q]uit

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PROCEDURE

- To go to next format Id:  
--Press <N>.
- To go to previous format Id:  
--Press <P>.

PROCEDURE

- To select a specific format Id:  
--Press <F>.
- Observe following prompt appears on screen:  
Enter Format Id  
--Type (format Id).

**PROCEDURE (Cont.)**

- To call up index screen:  
--Press <I>.
- To quit:  
--Press <Q>.

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# DESCRIPTION

## DISPLAY

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

File header information of GPC file type.

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[mnddpio]

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

CAS File Name: MNG51TRA.d File Creation date: (date xxx)  
Tape Creation Date: xx/xx/xx Flight Number: \*STS 51T  
TDT Number : M1O1OF00 Software release id: 38

Please Hit Any Key to Continue. I -> ->

## PROCEDURE

- To continue:  
-- Press any key.
- Observe, fixed data screen appears.



DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

GPC Fixed Data Screen.

Fixed data for a typical GPC file type.

DISPLAY

(mnddpio)

MISSION PLANNING

DD MMYY - HH:MM

View NDD Support Files

Frames/Data Cycle

:50

Seconds/Data Cycle

:2

Minor Frame Sync Length

:2

Format Id Location

:3

# of Dump Formats

:3

Dump Format #1

:90

Dump Format #2

:91

Sync Pattern

:EB90

Frame Counter Loc.

:2

Frame Counter mask

:3F

Dump Format #

:93

Loc. of Frm 0, 25 Size

:15

Loc of Other Frm Sizes

:7

Please Hit Any Key to Continue. I -> ->

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DPE USER

PROCEDURES

PROCEDURE

- To continue:
  - Press any key.
- Observe, index screen appears.

DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

Index Screen.

Lists active format ID's and corresponding indices in file entry structure.

DISPLAY

(mnddpio)

MISSION PLANNING  
DD MMM YYYY - HH:MM  
View NDD Support Files

FORMAT ID		INDEX	
2	16	26	32
5	3	27	22
10	19	28	10
12	1	29	12
13	18	30	26
14	8	31	28
15	9	32	25
16	11	33	17
17	21	41	4
18	13	42	27
19	14	44	29
21	15	46	20
22	6	48	30
23	7	51	2
24	23	52	5
25	24	60	31
		98	34

FORMAT ID

INDEX

FORMAT ID

INDEX

INDEX

INDEX

Please Hit Any Key to Continue. ! → →

PROCEDURE

- To continue:  
--Press any key.
- Observe, format information screen appears.

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## CHAPTER 6 UTILITY MENU PROCEDURES

### DESCRIPTION

- UTILITY MENU PROCEDURES (Cont.)
- VIEW NDD SUPPORT FILES PROCEDURES (Cont.)

#### Format Information Screen.

Format information for a typical GPC format. (This example is for GPC format number 12).

Next, previous, and format Id commands shift through various format Id.

Next and previous commands find next or previous format Id in order of indices.

### DISPLAY

```

(mnnddpio)      MISSION PLANNING
                  DD MMM YYYY - HH:MM
                  View NDD Support Files

GPC Format Number : 0      Format Index      : 0
Bytes/Frames -- HBR: 0    Bytes/Frames -- LBR: 0

Enter Choice [N]ext, [P]rev, [F]ormat Id,
[O]ut
  
```

### PROCEDURE

- To go to next format Id:  
--Press <N>.
- To go to previous format Id:  
--Press <P>.
- To select a specific format Id:  
--Press <F>.
- Observe following prompt appears on screen:  
Enter format Id  
--Type (format id).

**PROCEDURE (Cont.)**

- To call up index screen:  
--Press <I>.
- To quit:  
--Press <Q>.

NOTE

1. Press <I> to call up index screen.

2. Press <Q> to quit.

END

3. Press <I> to call up index screen.

4. Press <Q> to quit.

5. Press <I> to call up index screen.

(ST-1000000)

6. Press <I> to call up index screen.

7. Press <Q> to quit.

8. Press <I> to call up index screen.

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